001

### **UNITED STATES** DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

IITII\_68218

FORM APPROVED OMB No. 1004-0136 Expires January 31, 2004

5. Lease Serial No.

	<u>U10-00210</u>					
	6. If Indian, Allottee or	Tribe Name				
R	UTE INDIAN TRIBE					
	7. If Unit or CA Agreem	nent, Name and No.				
	8. Lease Name and Well	No.				
	NORTH DUCK	CREEK 251-22				
	9. API Well No.					
	43-047	-35485				
	10. Field and Pool, or Exploratory  NATURAL BUTTES  Value  Value					
	NATURAL BI	UTTES				
	11. Sec., T., R., M., or B	lk. and Survey or Area				
5	SEC. 22, T8S,	R21F				
19	S.L.B.&N	,				
	12. County or Parish	13. State				
	UINTAH	UTAH				
17.	Spacing Unit dedicated to t					
	4					
		RECEIVED				
20	DIM/DIA Dond No. on 61					

### APPLICATION FOR PERMIT TO DRILL OR REENTE

1a. Type of Work: X DRILL	REENTER	7.	If Unit or CA Agreen	nent, Name and No.
1b. Type of Well: Oil Well X Gas Well Other	r Single Zone X Multiple Zone	8. N	Lease Name and Wel	I No. CREEK 251-22
2. Name of Operator EOG RESOURCES, INC.		9.	API Well No. 43-047	-35485
3a. Address P.O. BOX 1815  VERNAL, UT 84078  4. Location of Well (Report location clearly and in accordance 4446)	100701	11.	Field and Pool, or Exp	ploratory Upn6+5
At surface 690° FSL, 1965° FEL $\psi_2$	109.536	1 1	SEC. 22, T8S, S.L.B.&N	•
14. Distance in miles and direction from nearest town or post 9 MILES SOUTHEAST OF OURA			County or Parish J <b>INTAH</b>	13. State UTAH
15. Distance from proposed* location to nearest 690' property or lease line, ft. (Also to nearest drig. Unit line, if any)	16. No. of Acres in lease 320		ing Unit dedicated to	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. See Topo Map C	19. Proposed Depth <b>7614</b>		1/BIA Bond No. on fi M-2308	le FEB 1 2 2004
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 4798.5 FEET GRADED GROUND	22. Approximate date work will start* UPON APPROVAL		23. Esti mated 45 DAY	
	24. Attachments			

Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- 1. Well plat certified by a registered surveyor.
- 2. A Drilling Plan.
- 3. A Surface Use Plan (if the location is on National Forest System Lands, the 5. Operator certification. SUPO shall be filed with the appropriate Forest Service Office).
- 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).

  - 6. Such other site specific information and/or plans as may be required

		by the authorized officer.		
25. Signature	\with	Name (Printed/Typed) Ed Trotter		Date February 5, 2004
Title	<i>)</i>	A The Control of the		
Agent	A Droval se	ari		
Approved by (Signature	serel is her	Name (Printed/Typed)	Date	
Kindlett	Parker is the	BRADLEY G. HILL	07	2-18-04
time .	4	Office OFFICE OF THE OFFICE OFFICE OFFICE OFFICE OFFICE OFFICE OFFICE OFFICE OF THE OFFICE OFFICE OFFICE OFFICE OFFICE OFFICE OFFICE OFFICE OF		

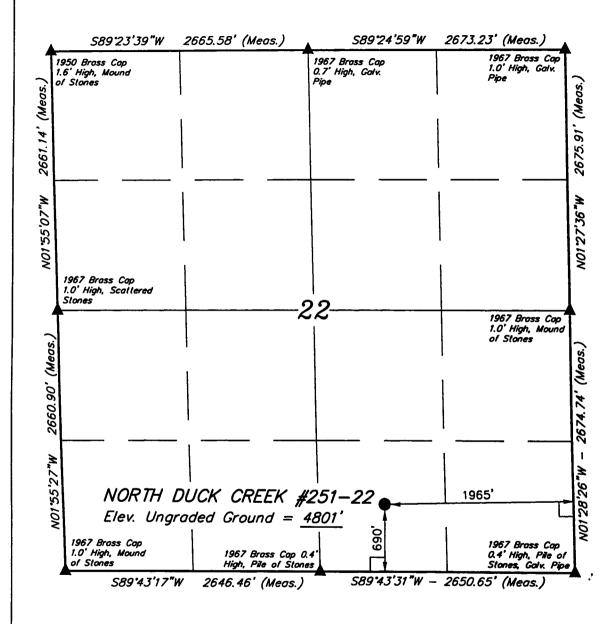
Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of Approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

<sup>\*(</sup>Instructions on reverse)

### T8S, R21E, S.L.B.&M.



### LEGEND:

= 90' SYMBOL

= PROPOSED WELL HEAD.

= SECTION CORNERS LOCATED.

(NAD 27) ATITUDE = 40°06'12.59

LATITUDE = 40°06'12.55" (40.103486) LONGITUDE = 109°32'12.96" (109.536933) EOG RESOURCES, INC.

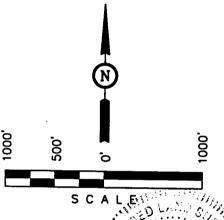
Well location, NORTH DUCK CREEK #251-22, located as shown in the SW 1/4 SE 1/4 of Section 22, T8S, R21E, S.L.B.&M. Uintah County, Utah.

### BASIS OF ELEVATION

BENCH MARK 20EAM LOCATED IN THE SE 1/4 OF SECTION 35, T8S, R21E, S.L.B.&M. TAKEN FROM THE OURAY SE, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4697 FEET.

### BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



### CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER BY SUPERVISION AND THAT THE SAME ARE TRUB AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF

REGISTERED LAND SURVEYOR REGISTRATION NO. 1161519

UINTAH ENGINEERING & LAND SURVEYING

85 SOUTH 200 EAST - VERNAL UTAH 84078

(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 08-19-03	DATE DRAWN: 08-22-03
PARTY K.K. M.B. D.COX	REFERENCES G.L.O. PLA	
WEATHER WARM	FILE EOG RESOU	RCES. INC.

### EOG Resources, Inc. P.O. 1910 Vernal, UT 84078

February 5, 2004

Utah Division of Oil, Gas, & Mining 1594 West North Temple, Suite 1210 P.O. Box 145801 Salt Lake City, UT 84114-5801

> RE: APPLICATION FOR PERMIT TO DRILL NORTH DUCK CREEK 251-22 SW/SE, SEC. 22, T8S, R21E UINTAH COUNTY, UTAH

LEASE NO.: UTU-68218 UTE INDIAN TRIBAL LANDS

Enclosed please find a copy of the Application for Permit to Drill and associated attachments for the referenced well.

Please address further communication regarding this matter (including approval) to:

Ed Trotter

P.O. Box 1910

Vernal, UT 84078

Phone: (435)789-4120

Fax: (435)789-1420

RECEIVED

FEB 1 2 2004

DIV. OF OIL, GAS & MINING

Sincerely

Agent

EOG Resources, Inc.

Attachments

### **EIGHT POINT PLAN**

### NORTH DUCK CREEK 251-22 SW/SE, SEC. 22, T8S, R21E, S.L.B.&M. UINTAH COUNTY, UTAH

### 1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:

FORMATION
Green River
2,419'
Peters Point
5,829'
Chapita Wells
Buck Canyon
7,161'

EST. TD: 7614

Anticipated BHP 3300 PSI

### 3. PRESSURE CONTROL EQUIPMENT: BOP Schematic Diagram attached.

### 4. CASING PROGRAM:

							RATING FACTOR
<u>HOLE SIZI</u>	<u> INTERVAL</u>	<b>LENGTH</b>	<u>SIZE</u>	<u>WEIGHT</u>	<b>GRADE</b>	<b>THREAD</b>	COLLAPSE BURST TENSILE
17 1/2"	0' - 220'+/ <b>-</b> KB	220'+/-	9 5/8"	36.0#	J-55	STC	2020 PSI 3520 PSI 394,000#
7 7/8"	220' – TD +/-KB	7614' +/-	4 1/2"	11.6#	J-55	STC	4960 PSI · 5350 PSI ·184,000#

All casing will be new or inspected.

### 5. Float Equipment:

### Surface Hole Procedure (0-220' Below GL):

Guide Shoe

Insert Baffle

Wooden wiper plug

Centralizers: 1 - 5 - 10' above shoe, every collar for next 3 joints (4 total).

### **Production Hole Procedure (220'-TD):**

Texas-Pattern shoe, short casing shoe joint ( $\pm$  20'), Float Collar, and balance of casing to surface. Run short casing joint (< 38') at  $\pm$  4,800' (1,000' above projected top of Peters Point). Centralize 5' above shoe on joint #1, top of joint #2, then every 4th joint to  $\pm$  5,400' (400' above Peters Point top - 15 total). Thread lock shoe, top and bottom of FC, and top of  $2^{nd}$  joint.

#### 6. MUD PROGRAM:

### Surface Hole Procedure (0-220' below GL):

Air – Air Water Mist

### **EIGHT POINT PLAN**

### NORTH DUCK CREEK 251-22 SW/SE, SEC. 22, T8S, R21E, S.L.B.&M. UINTAH COUNTY, UTAH

### **MUD PROGRAM (Continued):**

### **Production Hole Procedure (220'-TD):**

- 200' 1,700': Water (circulate through reserve pit). Anco-Drill sweeps for hole cleaning, Paper sweeps to seal off loss zones. Add LIME to reserve pit to keep clear.
- 1,700' 4,900': Continue as above as far as possible. Should it become necessary to trip for a bit prior to reaching TD, either slug drill pipe and fill hole with brine or with 9.2 ppg mud (pre-mixed in rig mud tanks) to control gas. Once back on bottom after trip, turn flow back and re-circulate through reserve pit to resume drilling ahead. Stay on as clear of fluid as long as possible. Try to control any fluid losses if drilling on clear fluid with paper LCM. Add LIME and Gyp if needed to control alkalinities.
- 4,900' TD: Continue sweeping hole with Anco-Drill for hole cleaning. Again, should it become necessary to trip for a bit prior to reaching TD, either slug drill pipe and fill hole with brine or with 9.2 ppg mud (pre-mixed in rig mud tanks) to control gas. Once back on bottom after trip, turn flow back and re-circulate through reserve pit to resume drilling ahead. Stay on as clear of fluid as long as possible. Increase Anco-Drill sweep frequency as you near TD in preparation to logging and running casing. Be alert at all times while drilling the Wasatch on water for any signs of hole sloughing (i.e. tight connections, fill, etc.). Should sloughing be detected, immediately mud up the hole. If mud-up becomes necessary to log, run casing, for hole sloughing or to control water and gas flows, mix Gel, Anco-Drill and Aqua-Pac if chloride content of mud will allow or SALT GEL and STARCH if chloride content is high. When mudding up, add 6% LCM (mixture of Cedar Fiber, Paper, Cottonseed Hulls and Sawdust) to control losses.

### 7. VARIANCE REQUESTS:

- A. EOG Resources, Inc. requests a variance to regulations requiring a straight run blooie line (Where possible, a straight run blooie line will be used).
- B. EOG Resources, Inc. requests a variance to regulations requiring an automatic ignitor or continuous pilot light on the blooie line. (Not required on aerated water system).
- C. EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. To reduce location excavation, the blooie line will be 75' in length.

#### 8. EVALUATION PROGRAM:

Logs: RST (Reservoir Saturation Tool) Cased logs

TD to Surface

### **EIGHT POINT PLAN**

### NORTH DUCK CREEK 251-22 SW/SE, SEC. 22, T8S, R21E, S.L.B.&M. UINTAH COUNTY, UTAH

### 9. CEMENT PROGRAM:

### Surface Hole Procedure (0-220' Below GL)

Lead: 225 sks. (100% excess volume) Class 'G' cement with 2% S1 (CaCl2) & 0.25 pps D29 (cellophane flakes), mixed at 15.8 ppg, 1.16 ft<sup>3</sup>./sk., 4.95 gps water.

**Top Out:** Top out with Class 'G' cement with 2% S1 (CaCl2) in mix water, 15.8 ppg, 1.16 ft<sup>3</sup>./sk., 4.95 gps via 1" tubing set at 25' if needed.

### **Production Hole Procedure (220' to TD)**

Lead: 100 sks: 35:65 Poz G w/ 4% D20 (Bentonite), 2% D174 (Extender), 0.2% D65 (Dispersant), 0.2% D46 (Antifoam), 0.75% D112 (Fluid Loss Additive), 0.15% D13 (Retarder), 0.25 pps D29 (cello flakes), mixed at 13.0 ppg, 1.73 ft³./sk., 9.06 gps water

Tail: <u>250 sks:</u> 50:50 Poz G w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.15% D13 (Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at 14.1 ppg, 1:28 ft<sup>3</sup>./sk., 5.9 gps water.

### 10. ABNORMAL CONDITIONS:

### PRODUCTION HOLE (220'-TD)

Potential Problems: Lost circulation, asphaltic, black oil and large Trona water flows may be encountered in the Green River, beginning at  $\pm 2,419$ . Other wells in the general area of the NDC 251-22 (all drilled with air/mist or aerated water) reported problems with sloughing formation in the Wasatch while attempting to mud up for logs or to run casing

### 11. STANDARD REQUIRED EQUIPMENT:

- A. Choke Manifold
- B. Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

### 12. <u>HAZARDOUS CHEMICALS:</u>

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

(Attachment: BOP Schematic Diagram)

#### **3000 PSIG DIAGRAM**

ANNULAR PREVENTOR AND BOTH RAMS ARE 3000 PSIG RATED. CASING FLANGE IS 11" 3000 PSIG RATED. **ROTATING HEAD BOPE 11" 3000 PSIG** TESTING PROCEDURE: FLOW LINE 1. BOPE's will be tested with a professional tester to conform to Onshore Order #2 with retest every 14 days. 2. Blind & Pipe rams will be tested to rated working pressure, 3000 psig. 3. Annular preventor will be tested to 50% of working pressure, 1500 psig. **ANNULAR** 4. Casing will be tested to 0.22 psi/ft. or 1500 psig. Not to exceed 70% of burst **PREVENTER** strength, whichever is greater. 5. All lines subject to well pressure will be pressure-tested to the same pressure as blind & pipe rams. 6. All BOPE specifications and configurations will meet Onshore Order #2 requirements for 3000 psig BOPE specifications. PIPE RAMS **CHOKE MANIFOLD** 2" MIN ADJUSTABLE CHOKE TO MUD/GAS SEPARATOR OR PIT BLIND RAMS 3" MINIMUM RATED **3000 PSIG** 2" KILL LINE 3" MINIMUM BLEED LINE TO PIT 3" DIAMETER **CASING** \FLANGE( 2" MINIMUM SPOOL 11" 3000 PSIG TO MUD/GAS SEPARATOR ADJUSTABLE CHOKE ' **OR PIT** 

### CONDITIONS OF APPROVAL FOR THE SURFACE USE PROGRAM OF THE APPLICATION FOR PERMIT TO DRILL

Company/Operator:

**EOG Resources**, Inc.

Well Name & Number: North Duck Creek 251-22

Lease Number:

UTU-68218

Location:

690' FSL & 1965' FEL, SW/SE, Sec. 22,

T8S, R21E, S.L.B.&M., Uintah County

Surface Ownership:

Ute Indian Tribe

### NOTIFICATION REQUIREMENTS

Location Construction - forty-eight (48) hours prior to construction

of location and access roads.

Location Completion - prior to moving on the drilling rig.

Spud Notice:

- at least twenty-four (24) hours prior to

spudding the well.

Casing String and

Cementing

- twenty-four (24) hours prior to running

casing and cementing all casing strings.

BOP and related

**Equipment Tests** 

- twenty-four (24) hours prior to running

casing and tests.

First Production

Notice

- within five (5) business days after new

Well begins or production resumes after Well has been off production for more

than ninety (90) days.

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

### THIRTEEN POINT SURFACE USE PROGRAM

### 1. EXISTING ROADS

- A. See attached Wellsite Plats showing directional reference stakes on location, and attached TOPO Map "B" showing access to location from existing roads.
- B. The proposed well site is located approximately 9 miles southeast of Ouray, Utah See attached TOPO Map "A".
- C. Refer to attached Topographic Map "A" showing labeled access route to location.
- D. Existing roads will be maintained and repaired as necessary. No off lease Right-of-Way will be required.

### 2. PLANNED ACCESS ROAD

- A. The access road will be approximately 0.15 miles in length. See attached TOPO Map "B".
- B. The access road has a 30 foot ROW w/ 18 foot running surface.
- C. Maximum grade on access road will be 8%.
- D. No turnouts will be required.
- E. Road drainage crossings shall be of the typical dry creek drainage crossing type.
- F. No culverts, bridges, or major cuts and fills will be required.
- G. The access road will be dirt surface.
- H. No gates, cattleguards, or fences will be required or encountered.

New or reconstructed roads will be centerlined - flagged at time of location staking.

All travel will be confined to existing access road Right-of-Way.

Access roads and surface disturbing activities will conform to standards outlined in the Bureau of Land Management and Forest Service Publication: Surface Operating Standards For Oil & Gas Exploration and Development, (1989).

The road shall be upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Upgrading shall include ditching, drainage, graveling, crowning, and capping the roadbed as necessary to provide a well-constructed safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot Right-of-Way will not be allowed.

Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossings nor shall the drainages be blocked by the roadbed. Erosion of

drainage ditches by run off water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided.

As operator, EOG Resources, Inc. shall be responsible for all maintenance on cattleguards, or gates associated with this oil and/or gas operation.

# 3. <u>LOCATION OF EXISTING WELLS WITHIN A ONE MILE RADIUS OF PROPOSED WELL LOCATION</u>

- A. Abandoned wells 8\*
- B. Producing wells 24\*
- C. Shut in wells -1\*

(\*See attached TOPO map "C" for location)

## 4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

### A. ON WELL PAD

- 1. Production facilities will be set on location if the well is successfully completed for production. Facilities will consist of well head valves, separator, dehy, 210 Bbl condensate tank, meter house, and attached piping.
- 2. Gas gathering lines A 4" gathering line will be buried from dehy to the edge of the location.

### B. OFF WELL PAD

- 1. Proposed location of attendant off pad flowlines shall be flagged prior to archaeological clearance.
- 2. A 4" OD steel above ground natural gas pipeline will be laid approximately 1239' from proposed location to a point in the SE/SE of Section 22, T8S, R21E, where it will tie into Questar Pipeline Co.'s existing line. Proposed pipeline crosses BIA administered lands, thus a Right-of-Way grant will be required.
- 3. Proposed pipeline will be a 4" OD steel, welded line laid on the surface.
- 4. Protective measures and devices for livestock and wildlife will be taken and/or installed where required.

If storage facilities/tank batteries are constructed on this lease, the facility/battery or the well pad shall be surrounded by a containment dike of sufficient capacity to contain, at a minimum, the entire contents of the largest tank within the facility/battery, unless more stringent protective requirements are deemed necessary by the authorized officer.

The production facilities will be placed on the West side of the location.

All permanent (on site for six months or longer) structures constructed or installed (including pumping units) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities required will be painted within 6 months of installation. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

The required paint color is Carlsbad Canyon.

If at any time the facilities located on public land and authorized by the terms of the lease are no longer included in the lease (due to a construction in the unit or other lease or unit boundary change), the BIA will process a change in authorization to the appropriate rental or other financial obligation as determined by the authorized officer.

### 5. LOCATION & TYPE OF WATER SUPPLY

- A. Water supply will be from the Ouray Brine Plant at Ouray, Utah, and/or Target Trucking Inc.'s water source in the SW/SW, Sec. 35, T9S, R22E, Uintah County, Utah (State Water Right #49-1501). Produced water from the Chapita Wells and Stagecoach Units will also be used.
- B. Water will be hauled by a licensed trucking company.
- C. No water well will be drilled on lease.

### 6. SOURCE OF CONSTRUCTION MATERIAL

- A. All construction material for this location and access road will be of native borrow and soil accumulated during the construction of the location.
- B. All construction material will come from Tribal Land.
- C. No mineral materials will be required.

### 7. METHODS OF HANDLING WASTE DISPOSAL

### A. METHODS AND LOCATION

- 1. Cuttings will be confined in the reserve pit.
- 2. A portable toilet will be provided for human waste during the drilling and completion of the well. Disposal will be at the Vernal sewage disposal plant.
- 3. Burning will not be allowed. Trash and other waste material will be contained in a wire mesh cage and disposed of at the Uintah County landfill.
- 4. Produced wastewater will be confined to a lined pit or storage tank for a period not to exceed 90 days after initial production. After the 90

day period, the produced water will be contained in a tank on location and then disposed of at one of the following three locations: Natural Buttes Unit 21-20B SWD, Ace Disposal, or EOG Resources, Inc. drilling operations (Chapita Wells Unit, Natural Buttes Unit & Stagecoach Unit).

- 5. All chemicals will be disposed of at an authorized disposal site. Drip pans and absorbent pads will be used on the drilling rig to avoid leakage of oil to the pit.
- B. Water from drilling fluids and recovered during testing operations will be disposed of by either evaporating in the reserve pit or be removed and disposed of at an authorized disposal site. Introduction of well bore hydrocarbons to the reserve pit will be avoided by flaring them off in the flare pit at the time of recovery.

### On BIA administered land:

The reserve pit will be constructed so as not to leak, break, or allow discharge. If the reserve pit requires padding prior to lining (due to rocky conditions) felt padding will be used.

The reserve pit shall be lined with a plastic liner. A felt liner will also be installed if rock is encountered during pit construction.

### 8. ANCILLARY FACILITIES

A. No airstrips or camps are planned for this well.

### 9. WELLSITE LAYOUT

- A. Refer to attached well site plat for related topography cuts and fills and cross sections.
- B. Refer to attached well site plat for rig layout and soil material stockpile location as approved on On-site.
- C. Refer to attached well site plat for rig orientation, parking areas, and access road.

The reserve pit will be located on the Northwest corner of the location. The flare pit will be located downwind of the prevailing wind direction on the North side of the location, a minimum of 100 feet from the well head and 30 feet from the reserve pit fence.

The stockpiled topsoil will be stored West of Corners #3 & #4 as well as West and South of Corner #6.

Access to the well pad will be from the East.

### **FENCING REQUIREMENTS:**

All pits will be fenced according to the following minimum standards:

- A. Thirty-nine inch net wire shall be used with at least one strand of barbed wire on top of the net wire. (Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence).
- B. The net wire shall be no more than 2 inches above the ground. The barbed wire strand shall be 3 inches above the net wire. Total height of the fence shall be at least 42 inches.
- C. Corner posts shall be cemented and/or braced in such a manner as to keep the fence tight at all times.
- D. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than 16 feet.
- E. All wire shall be stretched by using a stretching device before it is attached to the corner posts.

The reserve pit fencing will be on the three sides during drilling operations and on the fourth side when the rig moves off the location. Pits will be fenced and maintained until cleanup.

Each existing fence to be crossed by the access road shall be braced and tied off before cutting so as to prevent slacking of the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and, upon completion of construction, the fence shall be repaired to BIA or SMA specifications. A cattleguard with an adjacent 16-foot gate shall be installed in any fence where a road is to be regularly traveled. If the well is a producer, the cattleguards (shall/shall not) be permanently mounted on concrete bases. Prior to crossing any fence located on Tribal land, or any fence between Tribal land and private land, the operator will contact the BIA, who will in turn contact the grazing permittee or owner of said fence and offer him/her the opportunity to be present when the fence is cut in order to satisfy himself/herself that the fence is adequately braced and tied off.

### 10. PLANS FOR RESTORATION OF SURFACE

### A. PRODUCING LOCATION

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.

Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with CFR 3162.7-1.

If a plastic nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 12 months from the date of well completion. Before any dirt work takes place, the reserve pit will be completely dry and all cans, barrels, pipe, fluid, and hydrocarbons, will be removed.

Contact appropriate surface management agency for required seed mixture.

### B. <u>DRY HOLE/ABANDONED LOCATION</u>

At such time as the well is plugged and abandoned, the operator will submit a subsequent report of abandonment and the BIA will attach the appropriate surface rehabilitation conditions of approval.

### 11. SURFACE OWNERSHIP

Access road: <u>Tribal</u> Location: Tribal

### 12. OTHER INFORMATION

- A. EOG Resources, Inc. will inform all persons in the area who are associated with this project that they are subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator will immediately stop work that might further disturb such materials, and contact the AO. Within five working days the AO will inform the operator as to:
  - whether the materials appear eligible for the National Register of Historic Places;
  - the mitigation measures the operator will likely have to undertake before the site can be used.
  - a time frame for the AO to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate.

If the operator wished, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials that may be required. Otherwise, the operator will be responsible for mitigation costs.

The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the AO that required mitigation has been completed, the operator will then be allowed to resume construction.

- B. As operator, EOG Resources, Inc. will control noxious weeds along Right-of-Ways for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds will be obtained from the BIA, or the appropriate County Extension Office. On BIA administered land, a Pesticide Use proposal shall be submitted, and given approval, prior to the application of herbicides or other pesticides or possible hazardous chemicals.
- C. Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on Tribal Lands after the conclusion of drilling operations or at any other time without BIA authorization. However, if BIA authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities. (The BIA does not seek to compete with private industry. There are commercial facilities available for stacking and storing drilling rigs.)

### **Additional Surface Stipulations**

None

### LESSEE'S OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION

### PERMITTING AGENT

Ed Trotter P.O. Box 1910 Vernal, UT 84078

Telephone: (435)789-4120

Fax: (435)789-1420

### **DRILLING OPERATIONS**

Donald Presenkowski EOG Resources, Inc.

P.O. Box 250

Big Piney, WY 83113

Telephone: (307)276-4865

All lease or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approval plan of operations, and any applicable Notice to Lessees. EOG Resources, Inc. is fully responsible for the actions of their subcontractors. A copy of these conditions will be furnished to the field representative to insure compliance.

A copy of the approved APD and ROW grant, if applicable, shall be on location during construction of the location and drilling activities.

The BIA office shall be notified upon site completion prior to moving on the drilling rig.

### Certification

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions that presently exist; that the statements made in the Plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by EOG Resources, Inc. and its contractors and subcontractors in conformity with this Plan and the terms and conditions under which it is approved.

Please be advised that EOG Resources, Inc. is considered to be the operator of the North Duck Creek 251-22 Well, located in the SW/SE Section 22, T8S, R21E, Uintah County, Utah; Lease #UTU-68218; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond Coverage is provided under Bond #NM 2308.

2-5-2004

Date

N. Duck Creek 251-22 D

# EOG RESOURCES, INC. NORTH DUCK CREEK #251-22 SECTION 22, T8S, R21E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 0.3 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 3.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 3.1 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN LEFT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 1.4 MILES TO THE JUNCTION OF THIS ROAD AN EXISTING ROAD TO THE NORTHWEST; TURN LEFT AND PROCEED IN A NORTHWESTERLY DIRECTION APPROXIMATELY 0.25 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE SOUTHWEST; FOLLOW ROAD FLAGS IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 0.15 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 40.0 MILES.

# EOG RESOURCES, INC.

### NORTH DUCK CREEK #251-22

LOCATED IN UNITAH COUNTY, UTAH SECTION 22, T8S, R21E, S.L.B.&M.



PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHERLY



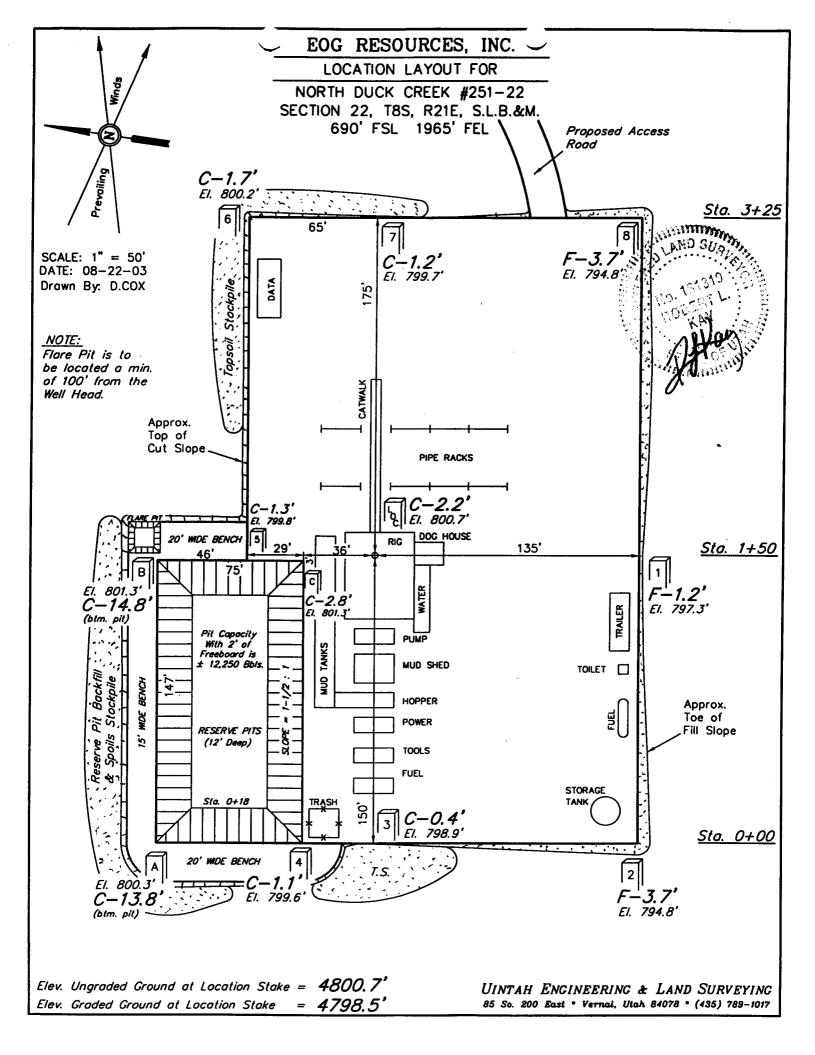
PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

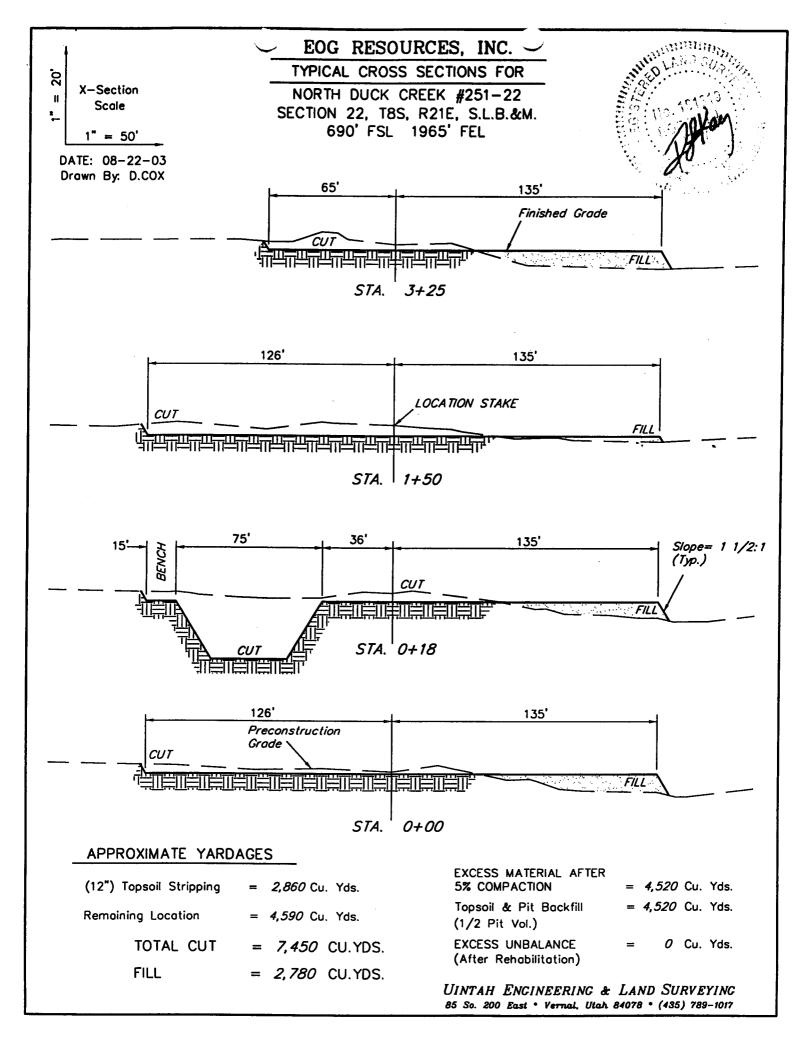
CAMERA ANGLE: SOUTHWESTERLY

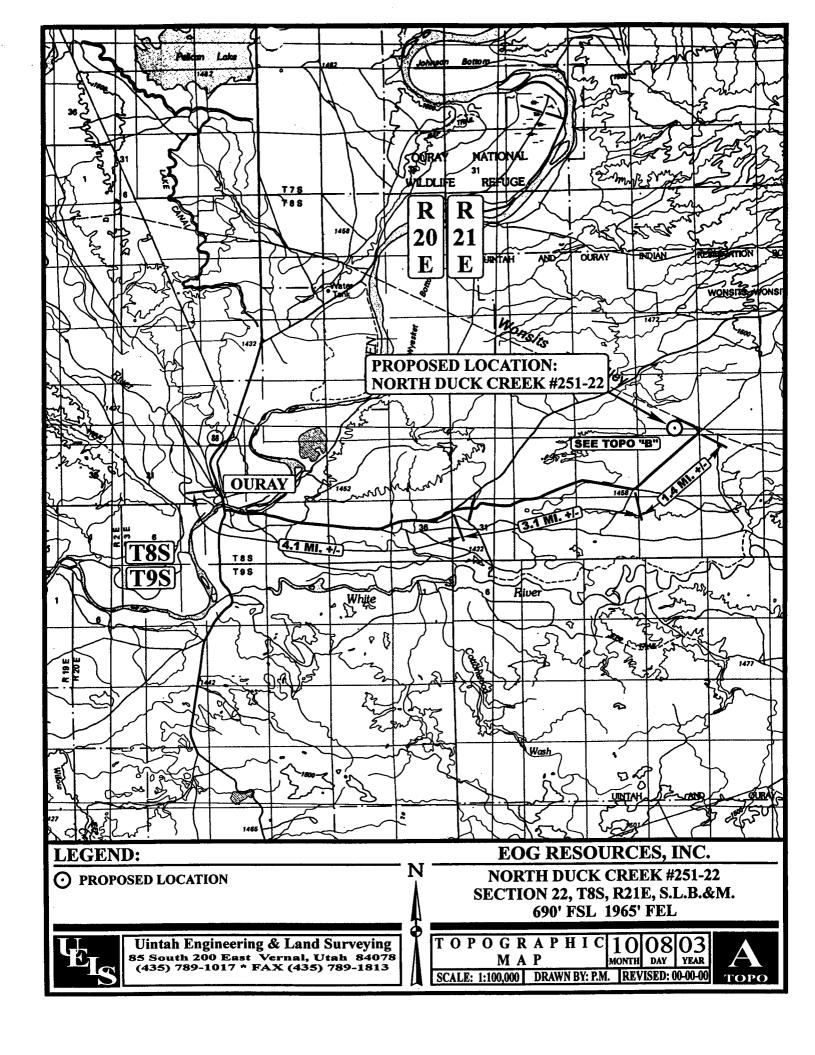


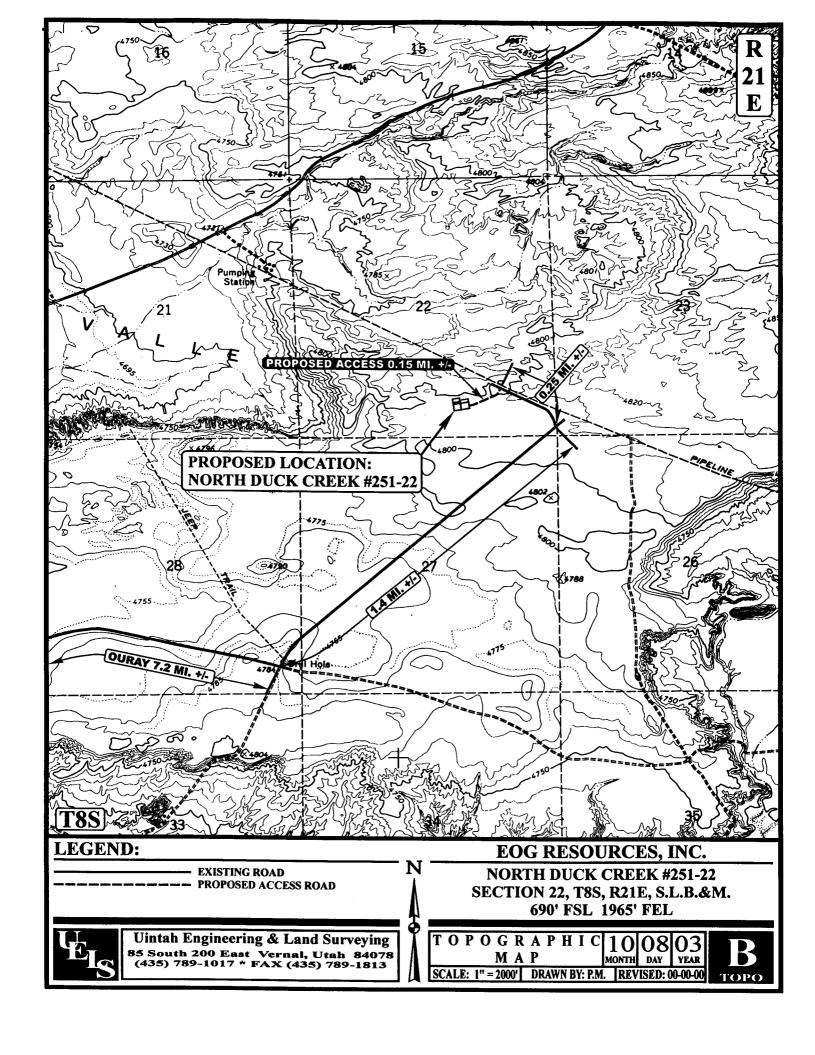
Uintah Engineering & Land Surveying \$\\ 85 \text{South } 200 \text{Fast} \text{Vernal, Utah } 84078 \\ 435 \text{789-1017} \text{uels} \alpha \text{uels} \alpha \text{uelsine.com}

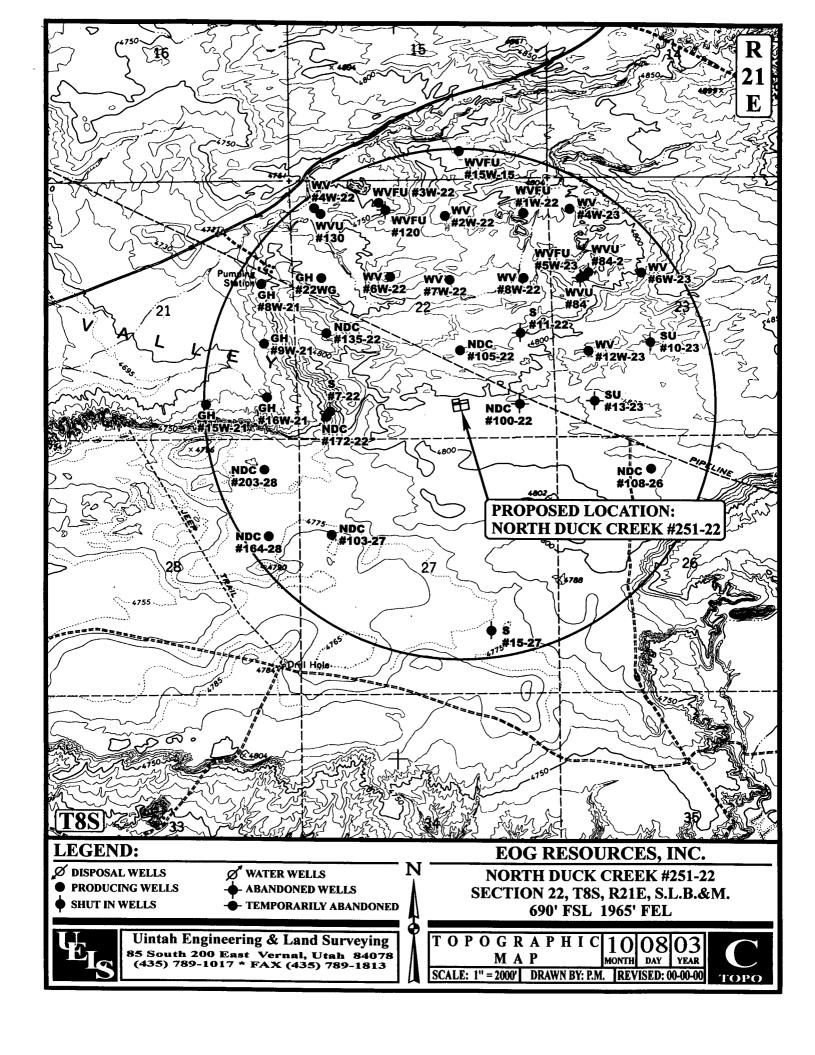
LOCATION PHOTOS		10 MONTH	0.8	03 YEAR	РНОТО
TAKEN BY: K.K.	DRAWN BY: P.M	. REV	TSED: 0	(0-00-00	

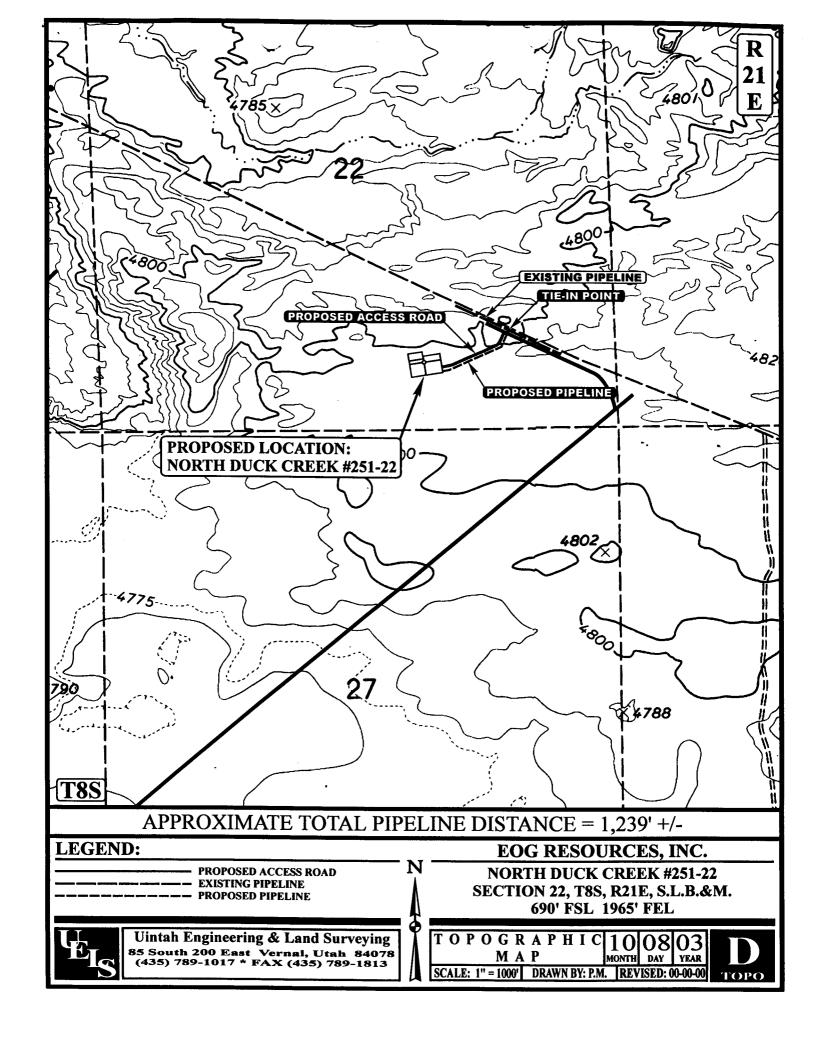






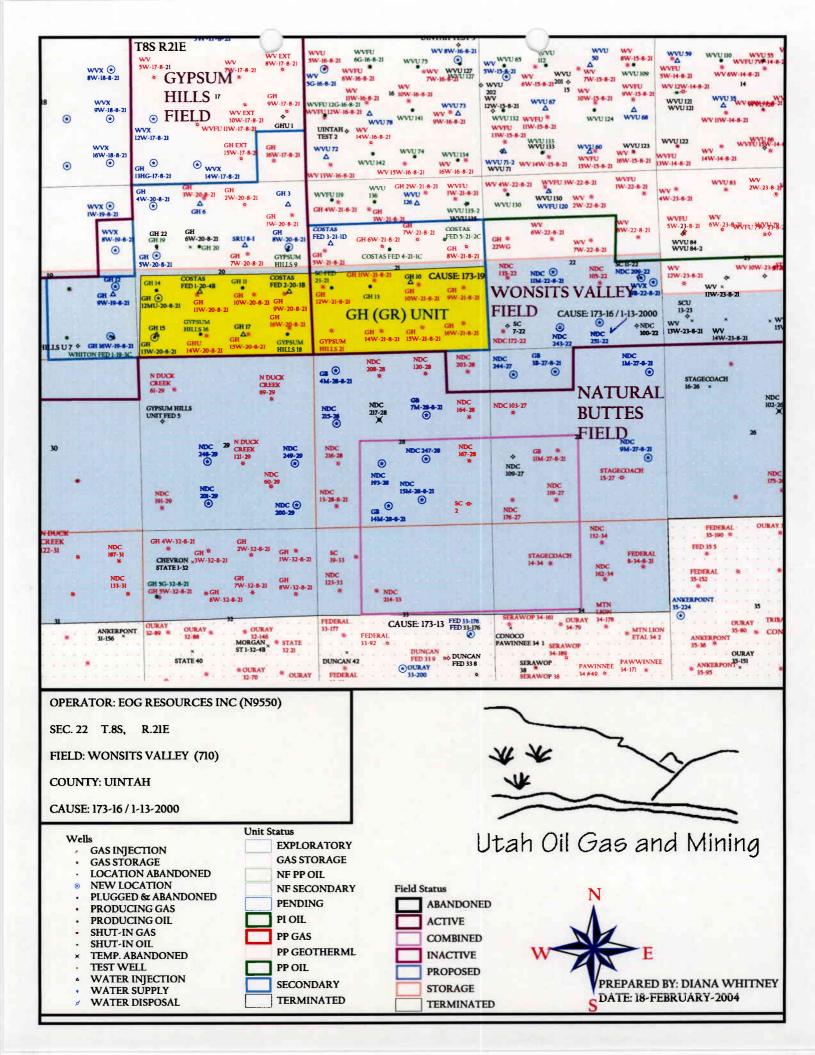






# WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 02/	12/2004	API NO. ASSIGNE	D: 43-047-3548	35
WELL NAME: NDC 251 OPERATOR: EOG RES CONTACT: ED TROT	SOURCES INC ( N9550 )	PHONE NUMBER: 43	35-789-4120	
PROPOSED LOCATION:				
	080S 210E	INSPECT LOCATN	BY: / /	
SURFACE: 0690 DBOTTOM: 0690 D		Tech Review	Initials	Date
UINTAH		Engineering		
WONSITS VALLEY	( 710 )	Geology		
LEASE TYPE: 1 - LEASE NUMBER: UTO		Surface		
SURFACE OWNER: 2 - PROPOSED FORMATION: COALBED METHANE WEI	MVRD	LATITUDE: 40.10 LONGITUDE: 109.5		
Water Permit	Ind[] Sta[] Fee[]) 0-5 (B) or 190-3 or 190-13) (Y/N))	R649-3-3. E Drilling Uni Board Cause Eff Date:	eneral  com Qtr/Qtr & 920'  xception  t  No: 173- 1-13  'Ardriv boundry	Between Wells  16 2-Joon 5-900 fr 6+44 ev 8
COMMENTS:				





State of Utah

Department of Natural Resources

Division of Oil, Gas & Mining

ROBERT L. MORGAN Executive Director

LOWELL P. BRAXTON
Division Director

MICHAEL O. LEAVITT

OLENE S. WALKER
Lieutenant Governor

February 18, 2004

EOG Resources, Inc. P O Box 1815 Vernal, UT 84078

Re:

North Duck Creek 251-22 Well, 690' FSL, 1965' FEL, SW SE, Sec. 22,

T. 8 South, R. 21 East, Uintah County, Utah

#### Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-35485.

Sincerely,

John R. Baza Associate Director

pab Enclosures

cc:

**Uintah County Assessor** 

Bureau of Land Management, Vernal District Office



Operator:	EOG Resources, Inc.			
Well Name & Number	North D	Ouck Creek 251-22		
API Number:	43-047-			
Lease:	UTU-6			
Location: SW SE	Sec. 22	T. 8 South	R. 21 East	

### **Conditions of Approval**

#### 1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

### 2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

• Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

• Contact Dan Jarvis at (801) 538-5338

### 3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

\*(Instructions on reverse)

005

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED OMB No. 1004-0136 Expires January 31, 2004

5. Lease Serial No.

TT	TT	-682	10
		.nx/	ıx

. If Indian, Allottee or Tribe Name

### **UTE INDIAN TRIBE**

		1	
1a. Type of Work: X DRILL	REENTER	7. If Unit or CA Agre	ement, Name and No.
lb. Type of Well: ☐ Oil Well	er Single Zone X Multiple Zone	8. Lease Name and W	Vell No. K CREEK 251-22
2. Name of Operator EOG RESOURCES, INC.		9. API Well No.	
EUG RESOURCES, INC.		45.DA7.	35485
3a. Address P.O. BOX 1815 VERNAL, UT 84078	3b. Phone No. (Include area code) (435)789-0790	10. Field and Pool, or E	BUTTES
4. Location of Well (Report location clearly and in accorded	ance with any State requirements.*)	11. Sec., T., R., M., o	r Blk, and Survey or Area
At surface 690° FSL, 1965° FEL At proposed prod. Zone	SW/SE	SEC. 22, T83 S.L.B.&	
14. Distance in miles and direction from nearest town or pose 9 MILES SOUTHEAST OF OURA		12. County or Parish UINTAH	13. State UTAH
15. Distance from proposed*	16. No. of Acres in lease	17. Spacing Unit dedicated	
location to nearest 690' property or lease line, ft. (Also to nearest drig. Unit line, if any)	320	·	
18. Distance from proposed location* to nearest well, drilling, completed,	19. Proposed Depth	20. BLM/BIA Bond No. on <b>NM-2308</b>	ı file
applied for, on this lease, ft. See Topo Map C	7614'	1111-2500	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 4798.5 FEET GRADED GROUND	22. Approximate date work will start* UPON APPROVAL	23. Esti mat <b>45 D</b> A	
	24. Attachments		
Attachments  The following, completed in accordance with the requi	rements of Onshore Oil and Gas Order No. 1,	shall be attached to this form:	
<ol> <li>Well plat certified by a registered surveyor.</li> <li>A Drilling Plan.</li> <li>A Surface Use Plan (if the location is on National F SUPO shall be filed with the appropriate Forest Ser</li> </ol>	(see Item 20 a orest System Lands, the 5. Operator certification	ation.  ecific information and/or plans a	
25. Signature	Name (Printed/Typed) Ed Trotter		Date February 5, 2004
Title Agent			
Approved by (Signature)	Name (Printed/Typed)	RECEIVED O	/15/2004
Title Assistant Field Manager Mineral Resources	Office	APR 2 6 2004	
Application approval does not warrant or certify that the approval operations thereon.  Conditions of Approval, if any, are attached.	olicant holds legal or equitable title to those rig	hts in the subject lease which wo	ould entitle the applicant to
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1 United States any false, fictitious or fraudulent statements o	212, make it a crime for any person knowingly r representations as to any matter within its jur	and willfully to make to any de isdiction.	partment or agency of the

COAs Page 1 of 8 Well No.: NDC 251-22

# CONDITIONS OF APPROVAL APPLICATION FOR PERMIT TO DRILL

Company/Operator: <u>EOG Resources, Inc.</u>

Well Name & Number: NDC 251-22

Lease Number: <u>U-68218</u>

API Number: 43-047-35845 35485

Location: SWSE Sec. 22 T.8S R. 21E

Agreement: N/A

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

#### CONDITIONS OF APPROVAL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

#### A. DRILLING PROGRAM

1. <u>Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered</u>

Report <u>ALL</u> water shows and water-bearing sands to John Mayers of this office **prior to setting the next casing string or requesting plugging orders**. Faxed copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

#### 2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No.

2 for equipment and testing requirements, procedures, etc., for a <u>3M</u> system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2, regarding air or gas drilling shall be adhered to.

The variances requested in section 6 of the 8 point drilling plan are granted with the following conditions:

If a mist system is being utilized then the requirement for a deduster shall be waived.

Where the location and rig layout allows, the blooie line shall be straight and extend 100' from the wellbore. This requirement will be waived only in the case where the location is too small to accommodate it.

#### 3. Casing Program and Auxiliary Equipment

The top of the Green River formation has been identified at 2430'. The proposed casing/cementing program will not protect this resources. As a minimum requirement the cement behind the production casing must extend at least 200' above the top of the Green River formation.

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint. Surface casing setting depths are based on ground level elevations only.

All casing strings below the conductor shall be pressure tested to 0.22 psi/ft of casing string length or 1500 psi, whichever is greater but not to exceed 70% of the minimum internal yield.

If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

### 4. <u>Mud Program and Circulating Medium</u>

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

### 5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

Please submit to this office, in LAS format, an electronic copy of all logs run on this well This submission will replace the requirement for submittal of paper logs to the BLM.

A cement bond log (CBL) will be run from the production casing shoe to top of the cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

#### 6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

<u>Immediate Report</u>: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Written notification of such must be submitted to this office not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

COAs Page 4 of 8 Well No.: NDC 251-22

A schematic facilities diagram as required by 43 CFR 3162.7-5(d) shall be submitted to the appropriate Field Office within 60 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (1).

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergencies, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

#### 7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling onlease or off-lease will have prior written approval from the AO.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries and tested for meter accuracy at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162. "Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

COAs Page 5 of 8 Well No.: NDC 251-22

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approvals are necessary, you must contact one of the following individuals:

Ed Forsman (435) 828-7874

Petroleum Engineer

Kirk Fleetwood (435) 828-7875

Petroleum Engineer

BLM FAX Machine (435) 781-4410

### EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spend solvents, spilled chemicals, and waste acids

Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste

Refinery wastes

Liquid and solid wastes generated by crude oil and tank bottom reclaimers

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation and miscellaneous solids.

Page 7 of 7 COAs Page 7 of 8 Well No.: North Duck Creek 251-22

# SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

EOG Resources, Inc. (EOG) will assure the Ute Tribe that any/all contractors and subcontractors have acquired a current Tribal Business License and have updated "Access Permits" prior to construction. All EOG personnel, contractors and subcontractors will have these permits in their vehicles at all times. Companies that have not complied with this COA will be in violation of the Ute Tribal Business License Ordinance, and will be subject to fines and penalties.

EOG employees, representatives, and/or authorized personnel (subcontractors) shall not carry firearms on their person or in their vehicles while working on the Uintah and Ouray Indian Reservation.

EOG employees and/or authorized personnel (subcontractors) in the field will have approved applicable APDs and/or ROW permits/authorizations on their person(s) during all phases of construction.

EOG will notify the Ute Tribe and Bureau of Indian Affairs (BIA) in writing of any requested modification of APDs or Rights-Of Way (ROW). EOG shall receive written notification of authorization or denial of the requested modification. Without authorization, EOG will be subject to fines and penalties.

The Ute Tribe Energy & Minerals Department shall be notified in writing 48 hours in advance of any construction activity. The Ute Tribal office is open Monday through Thursday. A Tribal Technician is to routinely monitor construction. EOG shall make arrangements with the Ute Energy & Minerals Department for all monitoring that will exceed regular working hours for Tribal Technicians. A qualified archaeologist accompanied by a Tribal Technician will monitor any trenching construction of the pipeline.

A ROW, 30 feet wide and 688 feet long, shall be granted by BIA for the new access road. A corridor ROW, 30 feet wide and 751 feet long, shall be granted for the pipeline construction. The constructed, travel width of the access road will be limited to 18 feet. Upon authorization by the Ute Tribe Energy & Minerals Department, the ROW may be wider where sharp curves; deep cuts and fills occur; or, where intersections with other roads are required.

Culverts and diversion ditches will be placed and constructed where needed. Road base gravel will be used where sandy soils make roadways and the drilling location hazardous for access or drilling operations.

Upon completion of the pertinent APD and ROWs, EOG will notify the Ute Tribe Energy & Minerals Department for a Tribal Technician to verify the Affidavit of Completion.

Production waters, oil, and other byproducts shall not be placed on access roads or the well pad.

All vehicular traffic, personnel movement, construction and restoration operations will be confined to the areas examined and approved and to the existing roadways and/or evaluated access routes.

 $EOG\ will$  implement "Safety and Emergency Plan" and ensure plan compliance.

EOG shall stop construction activities and notify personnel from the Ute Tribe Energy & Minerals

Page 8 of 8

Department and BIA if cultural remains including paleontology resources (vertebrate fossils) are exposed or identified during construction. The Ute Tribe Department of Cultural Rights and Protection and the BIA will provide mitigation measures prior to allowing construction.

EOG employees and/or authorized personnel (subcontractors) will not be allowed to collect artifacts and paleontology fossils. No significant cultural resources shall be disturbed.

EOG will control noxious weeds on the well site and ROWs. EOG will be responsible for noxious weed control if weeds spread from the project area onto adjoining land.

Reserve pits will be lined with an impervious synthetic liner. A fence will be constructed around the reserve pit until it is backfilled. Prior to backfilling the reserve pit, all fluids will be pumped from the pit into trucks and hauled, to approved disposal sites. When the reserve pits are backfilled, the surplus oil and mud, etc., will be buried a minimum of 3 feet below the surface of the soil.

A closed system will be used during production. This means that production fluids will be contained in leak-proof tanks. All production fluids will be disposed of at approved disposal sites.

Surface pipelines will be constructed to lay on the soil surface. The pipeline portion of the ROW will not be bladed or cleared of vegetation without authorization of the BIA. Surface pipelines shall be welded in place at well sites or on access roads. They shall be pulled into place and assembled with suitable equipment. Vehicles shall not use pipeline ROWs as access roads unless specifically authorized.

Buried pipelines shall be buried a minimum of 3 feet below the soil surface. After construction is completed the disturbed area shall be contoured to blend into the natural landscape and be reseeded between September 15 and November 1 of the year following construction with perennial vegetation seed mixture provided by the BIA or Ute Tribe.

Before the site is abandoned, EOG will be required to restore the well site and ROWs to near their original state. The disturbed areas will be reseeded with desirable perennial vegetation.

Soil erosion will be mitigated, by reseeding all disturbed areas.

	STATE OF UTAH	FORM 9
0 6	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-68218
SUNDRY	NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE INDIAN TRIBE
Do not use this form for proposals to drill i	new wells, significantly deepen existing wells below current bottom-hole depth, reen	7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL	GAS WELL OTHER	8. WELL NAME and NUMBER: NORTH DUCK CREEK 251-22
2. NAME OF OPERATOR:		9. API NUMBER:
EOG RESOURCES, INC.		4304735485
3. ADDRESS OF OPERATOR: P.O. BOX 1910		E NUMBER: 10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
LOCATION OF WELL		
FOOTAGES AT SURFACE: 690' F	SL, 1965 FEL	COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHIP, RAP	IGE, MERIDIAN: SWSE 22 8S 21E S	STATE: UTAH
11. CHECK APP	ROPRIATE BOXES TO INDICATE NATURE OF N	IOTICE, REPORT, OR OTHER DATA
TYPE OF SUBMISSION		OF ACTION
NOTICE OF INTENT	ACIDIZE DEEPEN	REPERFORATE CURRENT FORMATION
(Submit in Duplicate)	ALTER CASING FRACTURE TREAT	
Approximate date work will start:	CASING REPAIR NEW CONSTRUCT	
	CHANGE TO PREVIOUS PLANS OPERATOR CHANGE	=
]	CHANGE TUBING PLUG AND ABAND	
SUBSEQUENT REPORT (Submit Original Form Only)	CHANGE WELL NAME PLUG BACK	WATER DISPOSAL
Date of work completion:	CHANGE WELL STATUS PRODUCTION (STA	
a. S.	COMMINGLE PRODUCING FORMATIONS RECLAMATION OF	
		FFERENT FORMATION
	OMPLETED OPERATIONS. Clearly show all pertinent details including uests that the APD for the subject well be extended	
	·	
	Approved by the	
والمراجع والمراجع المراجع المر	Oil, Gas and Mining	RECEIVED
2 200 14	Date: 82-1400	FEB 1 0 2005
SENT TO OPERATOR	Leading .	
10 de 2-15-05 10 lets - CHO		DIV. OF OIL, GAS & MININ
The company was a second with the contract was		
NAME (PLEASE PRINT) Ed Trotte	r TITLE A	gent
SIGNATURE / LA	with DATE 2	/8/2005

(This space for State use only)

.

# Application for Permit to Drill Request for Permit Extension Validation (this form should accompany the Sundry Notice requesting permit extension)

	4304735485			
	NORTH DUCK CR	EEK 251-22 L, SWSE, SEC. 22, T8S, R2	1 <b>C</b>	
Location:	mit Issued to:	EOG RESOURCES, INC.	1E	
Date Original	Permit Issued:	2/18/2004		
above, hereby approved appl	verifies that the i lication to drill, rei	legal rights to drill on information as submitt mains valid and does	ed in the previously not require revision.	
religion is a verified.	checklist of some	e items related to the a	application, which sr	iouia be
	rivate land, has t en updated? Yes	he ownership changed □No☑	d, if so, has the surfa	ace
Have any well the spacing or	s been drilled in t siting requireme	he vicinity of the propents for this location? Y	osed well which woા ′es⊟No⊠	uld affect
Has there bee	en any unit or othe operation of this p	er agreements put in p roposed well? Yes⊡I	lace that could affect No⊠	ct the
Have there be of-way, which	en any changes could affect the p	to the access route inc proposed location? Ye	cluding ownership, c s	or right-
Has the appro	oved source of wa	ter for drilling change	d? Yes□No☑	
Have there be which will requevaluation? Ye	uire a change in p	changes to the surface plans from what was d	e location or access iscussed at the onsi	route ite
Is bonding stil	l in place, which	covers this proposed v	well? Yes ☑ No □	
	Noth		2/8/2005	RECEIVED
Signature	( ) other		Date	FEB 1 0 2005
Title: Agent			r	DIV. OF OIL, GAS & MINING
Representing	FOC Resources. I	nc.		

# DIVISION OF OIL, GAS AND MINING

# **SPUDDING INFORMATION**

Name of Co	mpany:	EOG RES	SOURCE	S INC		
Well Name:		NDC 251-	-22			
Api No <u>:</u>	43-047-35	5485 Le	ease Type	·	FEDERAL	
Section 22	_Township_	08S Range_	<b>21E</b> C	ounty	UINTAH	
Drilling Con	tractor	PETE MAR	rin's	RIG #	BUCKE	Γ
SPUDDE	D:					
	Date	04/22/05				
	Time	10:00 AM				
	How	DRY				
Drilling w	ill Comme	ence:				
Reported by		DALL COO	<u>K</u>		-	
Telephone #		1-435-828-36	630			
Date0	4/22/2005	Signed		CHD		

#### STATE OF UTAH **DEPARTMENT OF NATURAL RESOURCES** DIVISION OF OIL, GAS AND MINING

FORM 6

008

## **ENTITY ACTION FORM**

Operator:

EOG RESOURCES, INC.

Operator Account Number: N 9550

Address:

P.O. BOX 250

CITY BIG PINEY

state WY zip 83113 Phone Number: (307) 276-3331

Well 1

API Number	Well	Well NameQQSecTwpRngNORTH DUCK CREEK 251-22SWSE228S21E				County	
4304735485	NORTH DUCK CRE					21E	UINTAH
Action Code	Current Entity Number	New Entity Number	S	pud Da	to	Entity Assign Effective De	
Α	99989	14674	4	/22/200	)5	41	128/05

Comments:

MVRD

API Number	Well	Name	QQ	QQ Sec Twp				
4304735353	CHAPTA WELLS UNIT 860-32 SW		SWNW	32	98			
Action Code	Current Entity Number	New Entity Number	Spud Date		te			
A	99999	14675	4	/24/200	5	4	128/05	

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304735477	NORTH DUCK CREE	CREEK 247-28 NWSE 28		E 28 8S 216	21E	21E UINTAH  Entity Assignment Effective Date	
Action Code	Current Entity Number	New Entity Number	Spud Date 4/24/2005				
<b>A</b>	99999	14676			4	4/28/05	

**ACTION CODES:** 

(5/2000)

- A Establish new entity for new well (single well only)
- B Add new well to existing entity (group or unit well)
- Re-assign well from one existing entity to another existing entity
- Re-assign well from one existing entity to a new entity
- Other (Explain in 'comments' section)

Kaylene R. Gardner

Regulatory Assistant

4/25/2005 Date

K

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APR 2 5 2005

#### UNITED STATES ' DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

# SUNDRY NOTICES AND REPORTS ON WELLS

FORM APPROVED OM B No. 1004-0137 Expires: March 31, 2007

	Expires. Marcit 5
5.	Lease Serial No.
	UTU-68218

0 (

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160 - 3 (APD) for such proposals.  SUBMIT IN TRIPLICATE- Other instructions on reverse side.			If Indian, Allottee or Tribe Name     UTE INDIAN TRIBE  7. If Unit or CA/Agreement, Name and/or No.	
1. Type of Well Gas Well Other  2. Name of Operator EOG RESOURCES, INC.				8. Well Name and No. NORTH DUCK CREEK 251-22
3a Address P.O. BOX 250 Big Piney WY,		3b. Phone No. (include 307-276-3331	area code)	9. API Well No. 43-047-35485  10. Field and Pool, or Exploratory Area
690 FSL 1965 FEL 40.10349	Location of Well (Footage, Sec., T., R., M., or Survey Description) 690 FSL 1965 FEL 40.10349 LAT 109.53693 LON SECTION 22, T8S, R21E (SWSE)			NATURAL BUTTES  11. County or Parish, State  UINTAH COUNTY, UT
12. CHECK A	PPROPRIATE BOX(ES) TO	INDICATE NATUR	E OF NOTICE,	REPORT, OR OTHER DATA
TYPE OF SUBMISSION		TYP	E OF ACTION	
Notice of Intent Subsequent Report Final Abandonment Notice	Acidize Alter Casing Casing Repair Change Plans Convert to Injection	Deepen Fracture Treat New Construction Plug and Abandon Plug Back	Production (S Reclamation Recomplete Temporarily A Water Disposa	Well Integrity Other

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

EOG Resources, Inc. requests authorization for disposal of produced water from the referenced well to any of the following locations.

- 1. Natural Buttes Unit 21-20B SWD
- 2. Ace Disposal
- 3. RN Industries

EOG Resources, Inc. operates under Nationwide Bond #2308

Accepted by the Utah Division of Oil, Gas and Mining FOR ALL OUR ONLY

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed)			
Kaylene R. Gardner	Gardner Title Regulatory Assistant		
Signature Continue Co	Date	ate 04/25/2005	
THIS SPACE FOR FEDERAL	OR	STATE OFFICE USE	
Approved by		Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warran certify that the applicant holds legal or equitable title to those rights in the subject lea which would entitle the applicant to conduct operations thereon.	ise	Office	
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any States any false, fictitious or fraudulent statements or representations as to anymatter	person within	knowingly and willfully to make to a its jurisdiction.	

(Instructions on page 2)

# UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED	
OM B No. 1004-0137	
Expires: March 31, 200	į

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1	BUREAU OF LAND MANAGEMENT		5. Lease Seria			
SUNDRY	NOTICES AND REPORTS O	N WELLS	UTU-68			
Do not use ti	nis form for proposals to drill or ell. Use Form 3160-3 (APD) for se	to re-enter an		Allottee or Tribe Name DIAN TRIBE		
SUBMIT IN TR	IPLICATE- Other instructions or	n reverse side.	7. If Unit or	7. If Unit or CA/Agreement, Name and/or No.		
1. Type of Well Gas Well Other				ne and No. H DUCK CREEK 251-22		
2. Name of Operator EOG RESO	URCES, INC.		9. API We			
3a Address P.O. BOX 250 Big Piney WY, 83113  3b. Phone No. (include area code) 307-276-3331				35485 d Pool, or Exploratory Area		
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)				RAL BUTTES		
690 FSL 1965 FEL 40.10349 LAT 109.53693 LON SECTION 22, T8S, R21E (SWSE)				or Parish, State  LH COUNTY, UT		
12. CHECK A	PPROPRIATE BOX(ES) TO INDICATE	NATURE OF NOT	ICE, REPORT, OF	OTHER DATA		
TYPE OF SUBMISSION		TYPE OF ACT				
If the proposal is to deepen direct Attach the Bond under which to following completion of the intesting has been completed. Find determined that the site is read EOG Resources, Inc. sput Dall Cook, representative Mining of the spud 4/22/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/	d a 20" surface hole at the referenced locati for EOG, notified Ed Forsman of the Vern	reat Reclar Recon Recon Abandon Water Water Recon Reco	orarily Abandon Disposal  g date of any proposed wered and true vertical dept A. Required subsequent ing reclamation, have been	reports shall be filed within 30 days al, a Form 3160-4 shall be filed once on completed, and the operator has		
14. I hereby certify that the for	egoing is true and correct	1				
Name (Printed/Typed) Kaylene R. Gar	dner	Title Regulatory	Assistant			
Signature	TRAIL.	Date	04/25/2005			
	THIS SPACE FOR FEDERA	L OR STATE O	FFICE USE			
-		Title		Date		
certify that the applicant holds leg	attached. Approval of this notice does not warral or equitable title to those rights in the subject le to conduct operations thereon.	ant or ease Office				
mid 10 U.C.O. Section 1001 and Tit	tle 43 U.S.C. Section 1212, make it a crime for an ulent statements or representations as to any matt	y person knowingly and er within its jurisdiction	d willfully to make to a n.	ny department or agency of the United		
				<i></i>		

(Instructions on page 2)

RECEIVED

APR 2 / 2005

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

# SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OM B No. 1004-0137
Expires: March 31, 2007

5. Lease Serial No. UTU-68218

6. If Indian, Allottee or Tribe Name

UTE INDIAN TRIBE

SUBMIT IN TRIPLICATE- Other in	7. If Unit or CA/Agreement, Name and/or No.	
1. Type of Well	т	8. Well Name and No. NORTH DUCK CREEK 251-22
2. Name of Operator EOG RESOURCES, INC.	9. API Well No. 43-047-35485	
3a Address P.O. BOX 250 Big Piney WY, 83113	3b. Phone No. (include area code) 307-276-3331	10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T., R., M., or Survey Description	on)	NATURAL BUTTES
690 FSL 1965 FEL 40.10349 LAT 109.53693 LON SECTION 22, T8S, R21E (SWSE)	11. County or Parish, State UINTAH COUNTY, UT	

TYPE OF SUBMISSION	TYPE OF ACTION								
Notice of Intent  ✓ Subsequent Report  Final Abandonment Notice	Acidize Alter Casing Casing Repair Change Plans Convert to Injection	Deepen Fracture Treat New Construction Plug and Abandon Plug Back	Production (Start/Resume) Reclamation Recomplete Temporarily Abandon Water Disposal	Water Shut-Off  Well Integrity  ✓ Other WELL SPUD					
12 Describe Proposed or Complet	ed Operation (clearly state all pe	ertinent details, including esti	mated starting date of any proposed v	vork and approximate duration thereof.					

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

No drilling activities have occurred since spud 4/22/2005

EOG Resources, Inc. operates under Nationwide Bond #2308

RECEIVED MAY 0 9 2005

DIV. OF OIL, GAS & MINING

				OIL, GAS & MININ
14. I hereby certify that the foregoing is true and correct Name (Printed/Typed)	1			
Kaylene R. Gardner	Title	Regulatory A	ssistant	
Signature	Date 0:		05/06/2005	
THIS SPACE FOR FEDERAL	OR	STATE O	FFICE USE	
Approved by		Title		Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office		
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any States any false, fictitious or fraudulent statements or representations as to anymatte	person r within	knowingly and its jurisdiction	willfully to make to a	ny department or agency of the United

### DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

CHMDDA	NOTICES	REPORTS	ON	WFI	S

not use this form for proposals to drill or to re-enter

FORM APPROVED
OM B No. 1004-0137
Expires: March 31, 2007

ا ۵۰ ا	Lease Senai No.	
	UTU-68218	

6.	If Indian, Allottee or	Tribe Name

abandoned w	UTE II	NDIAN TRIBE				
SUBMIT IN TR	SUBMIT IN TRIPLICATE- Other instructions on reverse side.					
1. Type of Well Oil Well		ume and No.				
2. Name of Operator EOG RESOL	URCES, INC.			9. API W	CH DUCK CREEK 251-22 ell No.	
3a Address P.O. BOX 250 Big Piney WY,	3b. Phone No. (include 307-276-3331	area code)		7-35485 nd Pool, or Exploratory Area		
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 690 FSL 1965 FEL 40.10349 LAT 109.53693 LON SECTION 22, T8S, R21E (SWSE)					or Parish, State  AH COUNTY, UT	
12. CHECK AI	PPROPRIATE BOX(ES) TO	INDICATE NATUR	E OF NOTICE, I	REPORT, O	R OTHER DATA	
TYPE OF SUBMISSION		TYI	PE OF ACTION			
Notice of Intent  ✓ Subsequent Report  Final Abandonment Notice	Acidize Alter Casing Casing Repair Change Plans Convert to Injection	Deepen Fracture Treat New Construction Plug and Abandon Plug Back	Production (S Reclamation Recomplete Temporarily A Water Disposal	bandon	Water Shut-Off  Well Integrity  ✓ Other DRILLING  OPERATIONS	
13. Describe Proposed or Complete	ed Operation (clearly state all perti	inent details, including esti	mated starting date of	any proposed w	ork and approximate duration thereof.	

If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Please see the attached well chronology report for drilling operations from 5/6/2005 - 6/3/2005.

EOG Resources, Inc. operates under Nationwide Bond #2308

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed)	<u> </u>						
Kaylene R. Gardner	Title	Regulatory Assistant					
Signature	Date	06/03/2005					
THIS SPACE FOR FEDERAL OR STATE OFFICE USE							
Approved by		Title	Date				
Conditions of approval, if any, are attached. Approval of this notice does not warrar certify that the applicant holds legal or equitable title to those rights in the subject leavhich would entitle the applicant to conduct operations thereon.	nt or ase	Office					
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any States any false, fictitious or fraudulent, statements or representations as to any matter	person within	knowingly and willfully to make to its jurisdiction.	Present of the United				

### WELL CHRONOLOGY REPORT

Report Generated On: 06-03-2005

				Report (	Generate	ed On: 06-03-	-2005			·	
Well Name	ND	C 251-22		Well Type	D	EVG		Division		DENVER	
Field	NO	RTH DUCK	CREEK	API#	43	3-047-35845		Well Clas	SS	DRIL	
County, State	UII	NTAH, UT		Spud Date	05	5-18-2005		Class Da	te		
Tax Credit	N			TVD / MD	7,	614/ 7,614		Property	#	053763	
Water Depth	0			Last CSG	4.	5		Shoe TV	D/MD	7,608/ 7,6	08
KB / GL Elev	4,8	17/ 4,799									
Location	SE	CTION 22, T	8S, R21E (SW	/SE) 690 FSL 8	& 1965 FE	L					
Event No	1.0			Description	D	RILL & COMPLI	ETE				
Operator	EO	G RESOURC	ES, INC	WI %	10	0.00		NRI %		85.0	
AFE No		302599	•	AFE Total				DHC/C	CWC		
Rig Contr	PAT	TERSON	Rig Name	PATTI #779	ERSON	Start Date	05-	-17–2005	Release	e Date	05-25-2005
03-12-2004	R	eported By									
DailyCosts: Dr	illing	\$0		Coi	mpletion	\$0		Dail	y Total	\$0	
Cum Costs: Di	rilling	\$0		Cor	mpletion	\$0		Well	l Total	\$0	
MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation:			<b>PBTD</b> : 0.	.0		Perf:			PKR D	<b>epth:</b> 0.0	
Activity at Rep	ort Ti	me: LOCAT	ION DATA								
Start End			ctivity Desc	ription							
	6:00	24.0 LC	OCATION DA	TA.							
		69	0' FSL & 196	5' FEL (SW/SI	E)						
		SE	ECTION 22, T	8S, R21E							
		U	NTAH COUN	NTY, UTAH							
		L	AT 40.103486,	, LONG 109.53	6933						
		O	BJECTIVE: 7	'614' TD, WAS	АТСН						
		PA	TTERSON #	779							
		D	W/GAS								
		N	ORTH DUCK	CREEK PROS	SPECT						
		Di	O&A: NATU	RAL BUTTES							
		N	ATURAL BUT	TTES FIELD							
		LI	EASE: UTU-	68218							
		EI	EVATION: 4	1801' NAT GL,	4799' PR	EP GL, 4817' KB	(18')				
		EC	OG WI 100%,	NRI 85%							
			· · · · · · · · · · · · · · · · · · ·								

05-17-2005

Reported By

ED TROTTER

DailyCosts: Drilling

Completion

**Daily Total** 

Well Name: NDC 251-22

**Cum Costs: Drilling** 

Completion

0

Well Total

MD

510

TVD

510 Progress

Days

MW

0.0 Visc

0.0

Formation:

06:00

**PBTD**: 0.0

Perf:

PKR Depth: 0.0

Activity at Report Time: WORT

06:00

Start End

Hrs Activity Description

24.0 MIRU PETE MARTIN'S BUCKET RIG. SPUDDED 20" HOLE @ 10:00 HRS, 4/22/05.

DRILLED 20" HOLE TO 45'. RAN 45' OF 13 3/8", 54#, H-40, ST &C CONDUCTOR PIPE & CEMENTED TO SURFACE.

MIRU BILL JR'S AIR RIG. DRILLED 12 1/4" HOLE TO 530'. RAN 12 JTS (521.80') OF 9-5/8", 36.0#/FT, J-55, ST&C CASING & LANDED @ 539.80' KB. RU BIG 4 CEMENTING. PRESSURE TESTED LINES AND CEMENT VALVE TO 1000 PSIG. PUMPED 20 BBLS WATER FLUSH & 20 BBLS GELLED WATER AHEAD OF CEMENT. MIXED & PUMPED 225 SX OF PREMIUM CEMENT W/2% CACL2 & ½ #/SX FLOCELE. MIXED CEMENT @ 15.6 PPG W/YIELD OF 1.18 CF/SX (47.2 BBLS). DISPLACED CEMENT W/36.8 BBLS WATER, SHUT-IN CASING VALVE. HAD 7 BBLS CEMENT RETURNS TO SURFACE. RD BIG 4.

PREPARED LOCATION FOR ROTARY RIG. WORT. WILL DROP FROM REPORT UNTIL FURTHER ACTIVITY.

DALL COOK NOTIFIED KIRK FLEETWOOD W/BLM & CAROL DANIELS W/UOGM OF SPUDDING WELL AT 08: 00 HRS, 4/22/05.

#### 5-CENTRALIZERS: ON 1ST, 2ND & 3RD AND EVERY 3RD COLLARS.

05-18-20	005 R	eported I	Ву В	RUCE TAYLOR	/ DAN LU	ERS					
DailyCos	sts: Drilling			Cor	npletion			Daily	Total		
Cum Cos	sts: Drilling			Cor	npletion			Well 7	<b>Fotal</b>		
MD	510	TVD	510	Progress	0	Days	0	MW	0.0	Visc	0.0
Formatio	on:		PBTD:	0.0		Perf:			PKR Dep	oth : 0.0	
Activity a	at Report Ti	me: PU E	НА								
Start	End	Hrs	Activity Des	cription							
06:00	19:00	13.0	MIRU PATTEI	RSON #779.							
19:00	21:30	2.5	NIPPLE UP B	OPS. RIG ON D	AYWORK	@ 19:00 HRS	5, 5/17/05.				
21:30	01:30	4.0	KELLY & SAI	LE JACK. TEST FETY VALVE TO ING TO 1500 PS	O 3000 PSI	HIGH, 250 P	SI LOW. TI	ESTED ANNU	ILAR TO 250	) PSIG, 2500	PSIG.
01:30	02:30	1.0	PRE SPUD RI	G INSPECTION	, SAFETY	MEETING.					
02:30	04:30	2.0	INSTALLED V	WEAR BUSHIN	G STRAP.	PU BHA.					
04:30	06:00	1.5	STARTED DR	ILLING SHOE	TRACK AT	492'.					
			SAFETY MEE	TING: LOADI	NG TRUCI	S/SPUDDING	G IN				
			NOTIFIED KI	RK FLEETWOO	DD W/BLM	I IN VERNAL	OF INTEN	T TO TEST B	OP'S AT 09:	30 HRS, 5/10	5/05
			TEMP 37 DEC	}							
5-19-20	005 R	eported I	ly B	RUCE TAYLOR	L						
	005 Rosts: Drilling	eported l	Ву В		npletion			Daily	Total		
•		eported I	Ву В	Cor				Daily Well 7			

Well Name: NDC 251-22

17:00

17:30

00:30

17:30

00:30

01:00

PKR Depth: 0.0 Perf: **PBTD:** 0.0 Formation: **Activity at Report Time: DRILLING** Hrs **Activity Description** Start End 07:00 1.0 DRILL CEMENT/FLOAT EQUIPMENT. END OF CSG AT 520'. 06:00 0.5 DRILL 510' TO 618', 108', 216'/HR. 07:30 07:00 0.5 INSTALLED ROTATING HEAD & DRIVE BUSHING, TIGHTEN TURN BUCKLES ON BOP. 07:30 08:00 0.5 SURVEY @ 543', 1/2 DEG. 08:00 08:30 1.0 DRILL 618' TO 806' (188') 188'/HR. 20/24K WOB, 55/63 RPM. 09:30 08:30 2.5 PIT LINER UNDER SHAKER WASHED OUT, PULLED LINER BACK. FILL IN HOLE WITH DIRT. REPLACED 09:30 12:00 LINER, ADDED 36' X 20' PIECES OF NEW LINER, ADDED DIRT & BUILT BURM. 2.0 DRILL 806' TO 1117', 311', 155.5'/HR, 24/25K WOB, 5/63 RPM. STARTED MUD UP AT 800'. 12:00 14:00 0.5 SURVEY @ 1042', 1/2 DEG. 14:00 14:30 1.5 DRILL 1117' TO 1303', 186', 124'/HR, 24/25K WOB, 55/63 RPM. 14:30 16:00 0.5 SERVICED RIG. FUNCTION TESTED PIPE RAMS. CHANGED SAVER SUB ON KELLY. 16:00 16:30 2.5 DRILL 1303' TO 1586', 283', 113.2'/HR, 24/25K WOB, 55/63 RPM. 16:30 19:00 1.5 RIG REPAIRED. CHANGED LINER OUT IN #1 PUMP, #2 PUMP MOTOR DOWN. 19:00 20:30 0.5 DRILL 1586' TO 1618', 32', 64'/HR, 24/25K WOB, 55/63 RPM. 20:30 21:00 21:30 0.5 SURVEY @ 1543', 1 DEG. 21:00 4.0 DRILL 1618' TO 2121', 503', 125.7'/HR, 24/25K WOB, 55/63 RPM. 21:30 01:30 02:00 0.5 SURVEY @ 2044', 1 DEG. 01:30 4.0 DRILL 2121' TO 2405', 284', 71'/HR, 24/25K WOB, 55/63 RPM. 02:00 06:00 SAFETY MEETING: BOP DRILLS/MAKING CONN **TEMP 73 DEG** FORMATION: GREEN RIVER, 60% SH, 35% SS, 5% LS BGG 300-400, CG 900-1500, HIGH GAS 8364 @ 2302' 18.0 SPUD HOLE AT 07:00 HRS, 5/18/05. 06:00 **BRUCE TAYLOR** 05-20-2005 Reported By **Daily Total** Completion DailyCosts: Drilling Well Total Completion **Cum Costs: Drilling** 35.0 9.0 Visc 1,495 2 MW 3,900 3,900 Days MD **TVD Progress** PKR Depth: 0.0 Perf: **PBTD:** 0.0 Formation: Activity at Report Time: DRILLING Start End **Activity Description** 3.0 DRILL 2405' TO 2615', 210', 70'/HR, 24/26K WOB, 55/63 RPM. 06:00 09:00 0.5 SURVEY @ 2540', 1 1/4 DEG. 09:30 09:00 2.5 DRILL 2615' TO 2821', 206', 82.4'/HR, 24/26K WOB, 55/63 RPM. 12:00 09:30 0.5 SERVICED RIG. FUNCTION TESTED HYDRIL. 12:00 12:30 1.0 RIG REPAIRED. REPAIRED ROTO SEAL ON #1 PUMP CLUTCH. #2 PUMP STILL DOWN. 12:30 13:30 3.5 DRILL 2821' TO 3110', 289', 82.5'/HR, 24/26K WOB, 55/63 RPM. 13:30 17:00 0.5 SURVEY @ 3036', 1/2 DEG. #2 PUMP READY TO GO.

7.0 DRILL 3110' TO 3607', 497', 71'/HR, 24/26K WOB, 55/63 RPM.

0.5 SURVEY @ 3534', 1/2 DEG.

01:00	05:00	4.0 DRILL 3607' TO 3870', 263', 65.7'/HR, 24/26K WOB, 55/63 RPM.
05:00	05:30	0.5 RIG REPAIRED. CHANGED SWAB IN #1 PUMP.
06.20	06.00	0.5 DDILL 2070' TO 2000' 20' 60'/UD 24/26V WOR 55/63 DDM

SAFETY MEETING: PROPER TIE OFF/DEHYDRATION/SNUB LINES

TEMP 52 DEG

FORMATION: GREEN RIVER @ 2431', 50% SH, 40% SS, 10% LS BGG 1900-2000U, CG 5400-7200U, HIGH GAS 6890U @ 3255'

05-21-20	05 R	eported B	By B	RUCE TAYLO	R						
DailyCost	ts: Drilling			Co	mpletion			Dail	ly Total		
Cum Cos	ts: Drilling			Cor	mpletion			Wel	l Total		
MD	5,115	TVD	5,115	Progress	1,215	Days	3	MW	9.0	Visc	34.0
Formation	n:		PBTD:	0.0		Perf:			PKR De	<b>pth:</b> 0.0	
Activity a	t Report Ti	me: DRIL	LING								
Start	End	Hrs	Activity Desc	ription							
06:00	08:30	2.5	DRILL 3900' T	O 4102', 202',	80.8'/HR, 2	24/26K WOB,	55/63 RPM.				
08:30	09:00	0.5	SURVEY @ 40	28', 1 DEG, SI	IGHT FLO	W.					
09:00	13:30	4.5	DRILL 4102' T	O 4383', 281',	62.4'/HR, 2	24/26K WOB,	55/63 RPM.				
13:30	14:00	0.5	SERVICED RI	G. FUNCTION	TESTED	HYDRIL.					
14:00	17:00		DRILL 4383' T				5/63 RPM.				
17:00	17:30	0.5	SURVEY @ 45	28', 2 DEG, SI	IGHT FLO	W.					
17:30	19:30	2.0	DRILL 4602' T	O 4695', 93', 4	6.5'/HR, 24	/26K WOB, 5	5/63 RPM.				
19:30	20:30	1.0	CLEANED OU	T ROTATING	HEAD RUI	BBER.					
20:30	04:30	8.0	DRILL 4695' T	O 5102', 407',	50.8'/HR, 2	4/26K WOB,	55/63 RPM.				
04:30	05:30	1.0	SURVEY @ 50	30', 1 1/2 DEG	).						
05:30	06:00	0.5	DRILL 5102'T	O 5115', 13', 2	6'/HR, 24/2	26K WOB, 55/	63 RPM.				
			SAFETY MEE	TING: BOP D	RILLS/CH	ANGE ROTAT	ING HEAD				
			TEMP 56 DEG								
		:	FORMATION:	GREEN RIVE	R 45% SS,	40% SH, 15%	LS				
			BGG 900-1100	, CG 2200–420	00, HIGH 0	AS 7890 @ 38	369'				

		1	3GG 900-1100	), CG 2200–420	0, HIGH C	GAS 7890 @ 38	369'				
05-22-20	005 R	Reported B	y Bi	RUCE TAYLO	<b>t</b>						
DailyCos	ts: Drilling			Coi	npletion			Daily	Total		
Cum Cos	its: Drilling			Coi	npletion			Well	Total	•	
MD	5,585	TVD	5,585	Progress	470	Days	4	$\mathbf{MW}$	9.3	Visc	34.0
Formatio	n:		PBTD: 0	.0		Perf:			PKR De	pth : 0.0	
Activity a	at Report T	ime: DRILI	LING								
Start	End	Hrs	Activity Desc	ription							
06:00	10:00	4.0 I	ORILL 5115' T	O 5274', 159',	39.7'/HR,	24/26K WOB,	55/63 RPM				
10:00	10:30	0.5 I	NG REPAIRE	D. CLEANED	OUT VALV	/E ON #1 PUM	1P.				
10:30	13:00	2.5 I	ORILL 5274' T	O 5309', 35', 1	4'/HR, 24/	26K WOB, 55/6	63 RPM.				

13:00	13:30	0.5 CIRCULATED. MIXED & PUMPED SLUG, MW 9.3 PPG.
13:30	14:30	1.0 PULL OUT OF HOLE 15 STANDS, HOLE NOT TAKING ANY FILL & SLIGHTLY FLOWING.
14:30	15:30	1.0 CIRCULATED BOTTOMS UP, MAX GAS 8500 UNITS THAT CAME FROM 3500', MUD CUT TO 9.0 PPG, RAISED MW TO 9.5-9.6 PPG, LOST 65 BBLS MUD.
15:30	19:00	3.5 PULL OUT OF HOLE, HOLE NOT TAKING ANY FLUID FOR FIRST 15 STANDS, THEN STARTED TAKING PROPER AMOUNT FOR 10 STANDS, THEN 2 TO 2 1/2 TIME NORMAL FILL. CONTINUED OUT OF HOLE FOR BIT DUE TO SLOW PENETRATION RATE & TORQUE DROPPING OFF. BIT WAS WORN 50% ON SHOULDER.
19:00	19:30	0.5 SERVICED RIG. FUNCTION TESTED PIPE RAMS & BLIND RAMS.
19:30	20:00	0.5 MAKE UP NEW HC506Z BIT. TIH TO 653'.
20:00	21:00	1.0 CIRCULATED. CUT MW BACK TO 9.4 PPG.
21:00	23:00	2.0 TIH TO 4000'.
23:00	00:00	1.0 CIRCULATED BOTTOMS UP. CUT MW BACK TO 9.3 PPG.
00:00	00:30	0.5 FINISH IN HOLE.
00:30	06:00	5.5 DRILL 5309' TO 5585', 276', 50.1'/HR, 24/26K WOB, 55/63 RPM.

SAFETY MEETING: ULOADING CASING/TRIPPING

TEMP 50 DEG

FORMATION: GREEN RIVER, 45% SS, 40% SH, 15% LS

BGG 900-1100U, CG 1800-2300, TRIP GAS 878U, HIGH GAS 7890U @ 3869'

05-23-20	)05 R	eported B	y B	RUCE TAYLO	₹.						
DailyCos	ts: Drilling			Co	mpletion			Daily	y Total		
Cum Cos	ts: Drilling			Co	mpletion			Well	Total		
MD	6,693	TVD	6,693	Progress	1,108	Days	5	MW	9.4	Visc	35.0
Formatio	n:		PBTD: 0	0.0		Perf:			PKR De	<b>pth:</b> 0.0	
Activity a	t Report Ti	ime: DRIL	LING								
Start	End	Hrs	Activity Desc	ription							
06:00	13:00	7.0	DRILL 5585' T	O 5945', 360',	51.4'/HR, 2	22/26K WOB, 2	20/50/63 RI	PM.			
13:00	13:30	0.5	SERVICED RI	G. FUNCTION	TESTED I	PIPE RAMS.					
13:30	15:30	2.0	DRILL 5945' T	O 6009', 64', 3	2'/HR, 20/2	26K WOB, 20/	50/63 RPM				
15:30	16:00	0.5	RIG REPAIRE	D. CHANGED	VALVE IN	#1 PUMP.					
16:00	03:00	11.0	DRILL 6009' T	O 6566', 557',	50.6'/HR, 2	24/26K WOB, 2	20/50/63 RI	PM.			
03:00	03:30	0.5	SURVEY @ 65	01', 2 DEG.							
03:30	06:00	2.5	DRILL 6566' T	O 6693', 27', 5	0.8'/HR, 24	1/26K WOB, 50	0/63 RPM.				
			SAFETY MEE	TING: FALL F	ROTECTION	ON					
			BOP DRILL D	AYS 35 SEC, N	IIGHTS 25	SEC					
			TEMP 54 DEG								
			FORMATION:	CHAPITA WE	LLS TOP	@ 6448', 50%	SS, 40% SI	H, 10% LS			

05-24-2005	Reported By	В	RUCE TAYLOR							
DailyCosts: D	rilling		Con	pletion			Daily	Total		
Cum Costs: D	rilling		Con	pletion			Well 7	otal		
MD	7,500 <b>TVD</b>	7,500	Progress	807	Days	6	MW	9.4	Visc	35.0

BGG 500-600U, CG 1020-1300U, SURVEY GAS 6010', HIGH GAS 8560U @ 5598'

Well Name: NDC 251-22

Formation:

**PBTD:** 0.0

Perf:

PKR Depth: 0.0

**Activity at Report Time: DRILLING** 

Start	End	Hrs	Activity Description
06:00	17:30	11.5	DRILL 6693'-7187', 494', 42.9'/HR, 24/26K WOB, 30/50/63 RPM.
17:30	18:00	0.5	SERVICED RIG & FUNCTION TESTED HYDRIL.
18:00	06:00	12.0	DRILL 7187'-7500', 313', 26'/HR, 24/26K WOB, 30/50/63 RPM.

SAFETY MEETING: MIXING MUD/MSDS/PPE/REVIEW WELL CONTROL STATIONS

**TEMP 58 DEG** 

FORMATION: BUCK CANYON @ 7149', 55% SS, 45% SH BGG 400-500, CG 1800-2200, HIGH GAS 8670 @ 7210'

05-25-2005	Re	ported By	В	RUCE TAYLOR	l .						
DailyCosts:	Drilling			Cor	npletion			Daily	Total		
Cum Costs:	Drilling			Con	npletion			Well '	Total		
MD	7,614	TVD	7,614	Progress	114	Days	7	MW	9.7	Visc	37.0
Formation :			PBTD:	0.0		Perf:			PKR De	<b>pth:</b> 0.0	
Activity at I	Panart Tin	ne• RIIN C	SING								

Activity at Report Time: RUN CASING

-	-		
Start	End	Hrs	Activity Description
06:00	07:00	1.0	DRILL 7500' TO 7520', 20', 20'/HR, 24/26K WOB, 30/50/63 RPM.
07:00	07:30	0.5	FLOW CHECKED WELL FOR 25 MINUTES. WELL FLOWED ±1/2 TO 3/4 BPM THE WHOLE TIME W/9.5 PPG.
07:30	12:00	4.5	DRILL 7520' TO 7614' TD, 94', 20.8'/HR, 24/26K WOB, 30/50/63 RPM, WHILE RAISING MW TO 9.7 PPG. REACHED TD AT 12:00 HRS, 5/24/05.
12:00	12:30	0.5	CIRCULATED.
12:30	16:00	3.5	WIPER TRIP/SHORT TRIP 37 STANDS THROUGH TOP OF WASATCH. HOLE DID NOT TAKE ANY FILL FOR FIRST 20 STANDS, THEN GRADUALLY TOOK PROPER FILL. PULLED 15K OVER STRING AT 5560'. TIH. HIT TIGHT SPOT AT 5561'. KELLY UP & REAMED THROUGH SAME TO CLEAN UP. FINISHED IN HOLE.
16:00	18:00	2.0	CIRCULATED BOTTOMS UP. MAX GAS 6900 UNITS.
18:00	01:30	7.5	POH LAYING DOWN DRILL PIPE. NO HOLE NOT TAKING FLUID FIRST 15 STANDS THEN GRADUALLY STARTED TAKING NORMAL FILL THE NEXT 10 STANDS, THEN NORMAL FILL AFTER. BROKE KELLY, LD BHA.
01:30	02:00	0.5	PULLED WEAR BUSHING.
02:00	03:00	1.0	RU CALIPER CASING CREW. SAFETY MEETING.
03:00	06:00	3.0	STARTED RUNNING CASING.

NOTIFIED KIRK FLEETWOOD W/BLM IN VERNAL, OF INTENT TO RUN PRODUCTION CASING AT 16:00 HRS. 5/24/05.

SAFETY MEETING: PINCH POINTS/LOTO/GOOD COMMUNICATION

TEMP 47 DEG

05-26-2005	Reported By	В	RUCE TAYLOR							
DailyCosts: I	rilling		Com	pletion			Daily	Total		
Cum Costs: I	Prilling		Com	pletion			Well 7	<b>Total</b>		
MD	7,614 <b>TVD</b>	7,614	Progress	0	Days	8	MW	9.7	Visc	37.0
Formation :		PBTD:	0.0		Perf:			PKR De	<b>pth:</b> 0.0	

#### Activity at Report Time: WO COMPLETION

Start	End	Hrs	Activity Description
06:00	11:00	5.0	FINISHED RUNNING CASING AS FOLLOWS: FLOAT SHOE, SHORT JOINT, FLOAT COLLAR, 187 JTS 4 1/2", 11.6 #, J-55 LTC WITH MARKER JOINT SET AT 4824'. LANDED CASING SHOE AT 7608'. CENTRALIZED WITH 15 BOW SPRING CENTRALIZERS, 1–10' ABOVE SHOE, THEN EVERY 4TH JT.
11:00	12:00	1.0	CIRCULATED & WASHED TO BOTTOM 10°. CIRCULATED BOTTOMS UP. SAFETY MEETING WITH CEMENTERS.
12:00	13:00	1.0	SPACED OUT, LD TAG JOINT, PU HANGER & INSTALLED PLUG RETAINER. TESTED SEALS TO 5000 PSIG.
13:00	14:30	1.5	CEMENTED AS FOLLOWS: TESTED LINES TO 4000 PSIG, PUMPED 20 BBLS CW-100, 20 BBLS WATER, LEAD W/520 SXS HILIFT "G" WITH ADDITIVES AT 11 PPG, YIELD 3.91. TAIL W/630 SXS 50:50 POZ "G" MIXED AT 14.1 PPG, YIELD 1.29 WITH ADDITIVES. DROPPED PLUG & DISPLACED WITH 117 BBLS WATER TO BUMP PLUG WITH 2000 PSIG. BLED PSIG, FLOAT EQUIPMENT HELD. LOST FULL RETURNS AFTER DROPPING PLUG. HAD 1300 PSIG DIFFERENTIAL, SHOULD HAVE HAD 1600 PSIG.
14:30	18:00	3.5	RD CEMENTERS, ND BOP'S, CLEANED MUD TANKS.
			SAFETY MEETING: LD DP/RUNNING & CEMENTING CASING
			TRANSFERED 2800 GAL RIG FUEL TO NEXT LOCATION
			TRUCKS TO START MOVING 5/26/05
			RELEASED RIG AT 18:00 HRS, 5/25/05

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

# SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED OM B No. 1004-0137 Expires: March 31, 2007

5.	Lease Serial	No.
	TITTI_682	18

6. If Indian, Allottee or Tribe Name

abandoned w	rell. Use Form 3160 - 3	(APD) for such pro	posals.	UTE IN	DIAN TRIBE
SUBMIT IN TR	IPLICATE- Other ins	tructions on rever	se side.	7. If Unit or	CA/Agreement, Name and/or No.
<u></u>	Gas Well Other			8. Well Nan	ne and No. I DUCK CREEK 251-22
2. Name of Operator EOG RESO  3a Address	URCES, INC.	3b. Phone No. (include	area code)	9. API Wei	ll No.
P.O. BOX 250 Big Piney WY,	83113	307-276-3331		2	Pool, or Exploratory Area
4. Location of Well (Footage, Sec., 690 FSL 1965 FEL 40.10349 I SECTION 22, T8S, R21E (SV 12. CHECK A	LAT 109.53693 LON		E OF NOTICE, R	UINTA	or Parish, State  H COUNTY, UT  OTHER DATA
TYPE OF SUBMISSION		TYF	E OF ACTION		
Notice of Intent  ✓ Subsequent Report  Final Abandonment Notice	Acidize Alter Casing Casing Repair Change Plans Convert to Injection	Deepen Fracture Treat New Construction Plug and Abandon Plug Back	Production (State Reclamation Recomplete Temporarily At Water Disposal	ŕ	Water Shut-Off Well Integrity Other DRILLING OPERATIONS
13. Describe Proposed or Complet If the proposal is to deepen dire	ectionally or recomplete horizonta	ally, give subsurface location	ns and measured and tru	e vertical depth:	rk and approximate duration thereof s of all pertinent markers and zones.

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof lif the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Please see the attached well chronology report for drilling operations from 6/3/2005 - 6/24/2005.

EOG Resources, Inc. operates under Nationwide Bond #2308

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed)	Tial -						
Kaylene R. Gardner	1 luc	Regulatory Assistant					
Signature	Date	te 06/24/2005					
THIS SPACE FOR FEDERAL	OR	STATE OFFICE USE					
Approved by		Title	Date				
Conditions of approval, if any, are attached. Approval of this notice does not warran certify that the applicant holds legal or equitable title to those rights in the subject lea which would entitle the applicant to conduct operations thereon.	t or se	Office					
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any   States any false, fictitious or fraudulent statements or representations as to any matter	person within	knowingly and willfully to make to a its jurisdiction.	ny department or agency of the United				

(Instructions on page 2)

RECEIVED

JUN 2 9 2005

### WELL CHRONOLOGY REPORT

Report Generated On: 06-24-2005

			Report Ge							
Well Name	NDC 251-22		Well Type	DE	VG		Division		DENVER	
Field	NORTH DUC	K CREEK	API#	43-	-04735845		Well Clas	ss	COMP	
County, State	UINTAH, UT		Spud Date	05-	-182005		Class Date			
Tax Credit	N		TVD / MD	7,6	14/ 7,614		Property	#	053763	
Water Depth	0		Last CSG	4.5	4.5 Shoe TVD / MI		D/MD	7,608/ 7,6	808	
KB / GL Elev	4,817/ 4,799									
Location	SECTION 22,	T8S, R21E (SW	/SE) 690 FSL &	1965 FEL						
Event No	1.0		Description	DR	ILL & COMPLE	ГЕ				
Operator	EOG RESOU	RCES, INC	WI % 100.0		0.0		NRI %		85.0	
AFE No	302599		AFE Total				DHC/C	CWC		
Rig Contr	PATTERSON	Rig Name	PATTER #779	tson	Start Date	05-1	7–2005	Release	e Date	05-25-2005
03-12-2004	Reported I	Ву								
DailyCosts: Dri	lling \$0	)	Completio		\$0		Daily Total		\$0	
Cum Costs: Drilling \$		)	Completi		\$0		Well Total		\$0	
MD	0 <b>TVD</b>	0	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation :		<b>PBTD</b> : 0	•		Perf:			PKR D	<b>epth:</b> 0.0	
Activity at Repo	ort Time: LOC								_	
Start End		Activity Desc	rintion							
		LOCATION DA	-							
00.00			5' FEL (SW/SE)							
		SECTION 22, T	•							
		UINTAH COU								
		OINTAIT COOL	11 1, 0 1/111							
		LAT 40.103486	, LONG 109.5369	933						
		OBJECTIVE: 7	7614' TD, WASA	тсн						
		PATTERSON #	779							
		DW/GAS								
		NORTH DUCK	CREEK PROSP	ECT						
		DD&A: NATU								
		NATED AT DEC	TTES FIELD							
		NATUKAL BU								
		LEASE: UTU-	68218							
		LEASE: UTU-		799' PRE	P GL, 4817' KB (	18')				
		LEASE: UTU-	1801' NAT GL, 4	799' PRE	P GL, 4817' KB (	18')				

DailyCosts: Drilling

Completion

**Daily Total** 

**Well Total** Completion **Cum Costs: Drilling** 0.0 MW 0.0 Visc 510 510 Days MD **TVD Progress** PKR Depth: 0.0 **PBTD:** 0.0 Perf: Formation: Activity at Report Time: WORT

**Activity Description** Start End Hrs 24.0 MIRU PETE MARTIN'S BUCKET RIG. SPUDDED 20" HOLE @ 10:00 HRS, 4/22/05. 06:00 06:00

> DRILLED 20" HOLE TO 45'. RAN 45' OF 13 3/8", 54#, H-40, ST &C CONDUCTOR PIPE & CEMENTED TO SURFACE.

MIRU BILL JR'S AIR RIG. DRILLED 12 1/4" HOLE TO 530'. RAN 12 JTS (521.80') OF 9-5/8", 36.0#/FT, J-55, ST&C CASING & LANDED @ 539.80' KB. RU BIG 4 CEMENTING. PRESSURE TESTED LINES AND CEMENT VALVE TO 1000 PSIG. PUMPED 20 BBLS WATER FLUSH & 20 BBLS GELLED WATER AHEAD OF CEMENT. MIXED & PUMPED 225 SX OF PREMIUM CEMENT W/2% CACL2 & 1/4 #/SX FLOCELE. MIXED CEMENT @ 15.6 PPG W/YIELD OF 1.18 CF/SX (47.2 BBLS). DISPLACED CEMENT W/36.8 BBLS WATER, SHUT-IN CASING VALVE, HAD 7 BBLS CEMENT RETURNS TO SURFACE. RD BIG 4.

PREPARED LOCATION FOR ROTARY RIG. WORT. WILL DROP FROM REPORT UNTIL FURTHER ACTIVITY.

DALL COOK NOTIFIED KIRK FLEETWOOD W/BLM & CAROL DANIELS W/UOGM OF SPUDDING WELL AT 08: 00 HRS, 4/22/05.

#### 5-CENTRALIZERS: ON 1ST, 2ND & 3RD AND EVERY 3RD COLLARS.

	005 R	eported I	By B	RUCE TAYLOR	DAN LU	ERS					
DailyCos	sts: Drilling			Com	pletion		Daily Total				
Cum Co	sts: Drilling			Con	pletion			Well	Total		
MD	510	TVD	510	Progress	0	Days	0	MW	0.0	Visc	0.0
Formatic	on :		PBTD:	0.0		Perf:			PKR De <sub>l</sub>	pth : 0.0	
Activity :	at Report Ti	me: PU E	вна								
Start	End	Hrs	Activity Desc	cription							
06:00	19:00	13.0	MIRU PATTER	RSON #779.					4		
19:00	21:30	2.5	NIPPLE UP BO	OPS. RIG ON D	AYWORK	@ 19:00 HRS	5, 5/17/05.				
21:30	01:30	4.0	RIG UP SINGI KELLY & SAF TESTED CASI	LE JACK. TEST FETY VALVE TO	3000 PS	HIGH, 250 P	SI LOW. TI	ESTED ANNU	JLAR TO 25	0 PSIG, 2500	, UPPER PSIG.
				110 10 1500 15	110100	WIIIV. CITECI	LD ACC I				
01:30	02:30	1.0		G INSPECTION,			LD ACC 11				
01:30 02:30	02:30 04:30		PRE SPUD RIC		, SAFETY	MEETING.	LD ACC 17				
		2.0	PRE SPUD RIG	G INSPECTION,	, SAFETY 3 STRAP.	MEETING. PU BHA.	ED ACC I				
02:30	04:30	2.0	PRE SPUD RIG INSTALLED V STARTED DRI SAFETY MEE	G INSPECTION, VEAR BUSHING ILLING SHOE T TING: LOADIN RK FLEETWOO	, SAFETY G STRAP. TRACK AT	MEETING. PU BHA. 7 492'. KS/SPUDDING	G IN				/05
02:30 04:30	04:30 06:00	2.0	PRE SPUD RIG INSTALLED V STARTED DRI SAFETY MEE NOTIFIED KII TEMP 37 DEG	G INSPECTION, VEAR BUSHING ILLING SHOE T TING: LOADIN RK FLEETWOO	SAFETY STRAP. TRACK AT SIG TRUCI D W/BLM	MEETING. PU BHA. 7 492'. KS/SPUDDING	G IN				/05
02:30 04:30	04:30 06:00	2.0	PRE SPUD RIG INSTALLED V STARTED DRI SAFETY MEE NOTIFIED KII TEMP 37 DEG	G INSPECTION, VEAR BUSHING ILLING SHOE T STING: LOADIN RK FLEETWOO G RUCE TAYLOR	SAFETY STRAP. TRACK AT SIG TRUCI D W/BLM	MEETING. PU BHA. 7 492'. KS/SPUDDING	G IN	T TO TEST E			<b>/05</b>
02:30 04:30 05-19-2	04:30 06:00	2.0	PRE SPUD RIG INSTALLED V STARTED DRI SAFETY MEE NOTIFIED KII TEMP 37 DEG	G INSPECTION, VEAR BUSHING ILLING SHOE 1 TING: LOADIN RK FLEETWOO RUCE TAYLOR Con	, SAFETY G STRAP. TRACK AT HG TRUCI HD W/BLM	MEETING. PU BHA. 7 492'. KS/SPUDDING	G IN	T TO TEST E Daily	BOP'S AT 09:		/05

Formatio	on:		<b>PBTD</b> : 0.	.0		Perf:			PKR Depth: 0.0				
Activity a	at Report Ti	me: DRIL	LING										
Start	End	Hrs	Activity Desc	ription									
06:00	07:00	1.0	DRILL CEMEN	T/FLOAT EQ	UIPMENT.	END OF CSC	G AT 520'.						
07:00	07:30	0.5	DRILL 510' TO	618', 108', 2	16'/HR.								
07:30	08:00	0.5	INSTALLED R	OTATING HE	AD & DRIV	/E BUSHING,	TIGHTEN	TURN BUC	KLES ON BOP.				
08:00	08:30	0.5	SURVEY @ 54	3', 1/2 DEG.									
08:30	09:30	1.0	DRILL 618' TO	806' (188') 1	88'/HR. 20/	24K WOB, 55/	63 RPM.						
09:30	12:00		PIT LINER UN LINER, ADDEI						IN HOLE WITH DIRT. REI BURM.	PLACED			
12:00	14:00	2.0	DRILL 806' TO	1117', 311', 1	155.5'/HR,	24/25K WOB,	5/63 RPM.	STARTED N	MUD UP AT 800'.				
14:00	14:30	0.5	SURVEY @ 10	RVEY @ 1042', 1/2 DEG.									
14:30	16:00	1.5	DRILL 1117' TO	ILL 1117' TO 1303', 186', 124'/HR, 24/25K WOB, 55/63 RPM.									
16:00	16:30	0.5	SERVICED RIC	G. FUNCTION	N TESTED	PIPE RAMS.	CHANGED	SAVER SU	B ON KELLY.				
16:30	19:00	2.5	DRILL 1303' TO	O 1586', 283',	113.2'/HR,	24/25K WOB	, 55/63 RPN	1.					
19:00	20:30	1.5 1	RIG REPAIRED	D. CHANGED	LINER O	JT IN #1 PUM	P, #2 PUMI	MOTOR D	OWN.				
20:30	21:00	0.5 1	DRILL 1586' TO	O 1618', 32', 6	54'/HR, 24/2	25K WOB, 55/	63 RPM.						
21:00	21:30	0.5	SURVEY @ 154	43', 1 DEG.									
21:30	01:30	4.0 I	DRILL 1618' TO	0 2121', 503',	125.7'/HR,	24/25K WOB	, 55/63 RPN	ſ.					
01:30	02:00	0.5	SURVEY @ 204	44', 1 DEG.									
02:00	06:00	4.0 1	DRILL 2121'TO	O 2405', 284',	71'/HR, 24	/25K WOB, 55	5/63 RPM.						
		T.	SAFETY MEET FEMP 73 DEG FORMATION: 0 BGG 300-400, 0	GREEN RIVE	R, 60% SH	, 35% SS, 5% I							
06:00		18.0 5	SPUD HOLE AT	Γ 07:00 HRS,	5/18/05.								
05-20-20	005 Re	ported By	y BR	RUCE TAYLO	R								
DailyCos	ts: Drilling			Co	mpletion			Dail	y Total				
Cum Cos	ts: Drilling			Co	mpletion			Well	Total				
MD	3,900	TVD	3,900	Progress	1,495	Days	2	MW	9.0 Visc	35.0			
Formatio	n:		<b>PBTD</b> : 0.	0		Perf:			PKR Depth: 0.0				
Activity a	at Report Ti	me: DRILI	LING										
Start	End	Hrs A	Activity Desci	ription									
06:00	09:00	3.0 I	ORILL 2405' TO	O 2615', 210',	70'/HR, 24	/26K WOB, 55	/63 RPM.						
09:00	09:30	0.5 S	SURVEY @ 254	40', 1 1/4 DEC	<del>)</del> .								
09:30	12:00		ORILL 2615' TO				55/63 RPM.						
12:00	12:30		SERVICED RIG										
12:30	13:30	1.0 F	RIG REPAIRED	. REPAIRED	ROTO SEA	AL ON #1 PUM	AP CLUTC	1. #2 PUMP	STILL DOWN.				
13:30	17:00		ORILL 2821'TO	, ,	-	•							
17:00	17:30	0.5 S	SURVEY @ 303	36', 1/2 DEG.	#2 PUMP I	READY TO GO	D						
17:30	00:30		ORILL 3110'TO	, ,	71'/HR, 24	/26K WOB, 55	/63 RPM.						
00:30	01:00	0.5 S	SURVEY @ 353	34', 1/2 DEG.						<u></u>			

Page 3

01:00	05:00	4.0 DRILL 3607' TO 3870', 263', 65.7'/HR, 24/26K WOB, 55/63 RPM.
05:00	05:30	0.5 RIG REPAIRED. CHANGED SWAB IN #1 PUMP.
05:30	06:00	0.5 DRILL 3870' TO 3900', 30', 60'/HR, 24/26K WOB, 55/63 RPM.

SAFETY MEETING: PROPER TIE OFF/DEHYDRATION/SNUB LINES TEMP 52 DEG

FORMATION: GREEN RIVER @ 2431', 50% SH, 40% SS, 10% LS BGG 1900-2000U, CG 5400-7200U, HIGH GAS 6890U @ 3255'

05-21-2	oos D	eported l	BGG 1900-200	RUCE TAYLO							
	sts: Drilling	eporteu i	by D	Con	mpletion			•	Total		
Cum Co	sts: Drilling			Cor	mpletion			Well	Total		
MD	5,115	TVD	5,115	Progress	1,215	Days	3	MW	9.0	Visc	34.0
Formatic	on:		PBTD: 0.0 Perf:						PKR De	pth: 0.0	
Activity	at Report Ti	ime: DRII	LLING								
Start	End	Hrs	Activity Desc	ription							
06:00	08:30	2.5	DRILL 3900' T	O 4102', 202',	80.8'/HR, 2	4/26K WOB,	55/63 RPM.				
08:30	09:00	0.5	SURVEY @ 40	28', 1 DEG, SI	JGHT FLO	W.					
09:00	13:30	4.5	DRILL 4102' T	O 4383', 281',	62.4'/HR, 2	4/26K WOB,	55/63 RPM.				
13:30	14:00	0.5	SERVICED RIC	G. FUNCTION	TESTED	HYDRIL.					
14:00	17:00	3.0	DRILL 4383'T	O 4602', 219',	73'/HR, 24	26K WOB, 5	5/63 RPM.				
17:00	17:30	0.5	SURVEY @ 45	28', 2 DEG, SL	IGHT FLO	W.					
17:30	19:30	2.0	DRILL 4602' T	O 4695', 93', 4	6.5'/HR, 24	/26K WOB, 5	5/63 RPM.				
19:30	20:30	1.0	CLEANED OU	T ROTATING	HEAD RUI	BBER.					
20:30	04:30	8.0	DRILL 4695' T	O 5102', 407',	50.8'/HR, 2	4/26K WOB,	55/63 RPM.				
04:30	05:30	1.0	SURVEY @ 50	30', 1 1/2 DEG	i.						
05:30	06:00	0.5	DRILL 5102'T	O 5115', 13', 2	6'/HR, 24/2	6K WOB, 55/	63 RPM.				
			SAFETY MEE	TING: BOP DI	RILLS/CH	NGE ROTAT	ING HEAD				
			TEMP 56 DEG								
			FORMATION:	GREEN RIVE	R 45% SS.	40% SH, 15%	LS				
			BGG 900-1100		-	•					

05-22-20	005 R	eported I	By B	RUCE TAYLOR							
DailyCos	ts: Drilling			Completion				Daily Total			
Cum Cos	ts: Drilling			Completion				Well			
MD	5,585	TVD	5,585	Progress	470	Days	4	MW	9.3	Visc	34.0
Formatio	n:		PBTD:	PBTD: 0.0 Perf:					PKR De	p <b>th:</b> 0.0	
Activity a	t Report T	ime: DRII	LING								
Start	End	Hrs	Activity Desc	ription							
06:00	10:00	4.0	DRILL 5115'T	O 5274', 159', 3	9.7'/HR, 2	24/26K WOB,	55/63 RPM.				
10:00	10:30	0.5	RIG REPAIRE	REPAIRED. CLEANED OUT VALVE ON #1 PUMP.							
10:30	13:00	2.5	DRILL 5274' T	. 5274' TO 5309', 35', 14'/HR, 24/26K WOB, 55/63 RPM.							

03:00

03:30

06:00

16:00

03:00

03:30

13:00	13:30	0.5 CIRCULATED. MIXED & PUMPED SLUG, MW 9.3 PPG.
13:30	14:30	1.0 PULL OUT OF HOLE 15 STANDS, HOLE NOT TAKING ANY FILL & SLIGHTLY FLOWING.
14:30	15:30	1.0 CIRCULATED BOTTOMS UP, MAX GAS 8500 UNITS THAT CAME FROM 3500', MUD CUT TO 9.0 PPG, RAISED MW TO 9.5- 9.6 PPG, LOST 65 BBLS MUD.
15:30	19:00	3.5 PULL OUT OF HOLE, HOLE NOT TAKING ANY FLUID FOR FIRST 15 STANDS, THEN STARTED TAKING PROPER AMOUNT FOR 10 STANDS, THEN 2 TO 2 1/2 TIME NORMAL FILL. CONTINUED OUT OF HOLE FOR BIT DUE TO SLOW PENETRATION RATE & TORQUE DROPPING OFF. BIT WAS WORN 50% ON SHOULDER.
19:00	19:30	0.5 SERVICED RIG. FUNCTION TESTED PIPE RAMS & BLIND RAMS.
19:30	20:00	0.5 MAKE UP NEW HC506Z BIT. TIH TO 653'.
20:00	21:00	1.0 CIRCULATED. CUT MW BACK TO 9.4 PPG.
21:00	23:00	2.0 TIH TO 4000'.
23:00	00:00	1.0 CIRCULATED BOTTOMS UP. CUT MW BACK TO 9.3 PPG.
00:00	00:30	0.5 FINISH IN HOLE.
00:30	06:00	5.5 DRILL 5309' TO 5585', 276', 50.1'/HR, 24/26K WOB, 55/63 RPM.

SAFETY MEETING: ULOADING CASING/TRIPPING TEMP 50 DEG

FORMATION: GREEN RIVER, 45% SS, 40% SH, 15% LS BGG 900–1100U, CG 1800–2300, TRIP GAS 878U, HIGH GAS 7890U @ 3869'

				,								
05-23-20	05 R	Reported I	Ву В	RUCE TAYLO	R							
DailyCost	ts: Drilling			Completion								
Cum Costs: Drilling				Completion				Well Total				
MD	6,693	TVD	6,693	Progress	1,108	Days	5	MW	9.4	Visc	35.0	
Formation:			PBTD:	0.0		Perf:			PKR De	pth : 0.0		
Activity a	t Report T	ime: DRII	LING									
Start	End	Hrs	Activity Des	cription								
06:00	13:00	7.0	DRILL 5585' 1	O 5945', 360',	51.4'/HR, 2	22/26K WOB, 2	20/50/63 RI	PM.				
13:00	13:30	0.5	SERVICED RI	G. FUNCTION	TESTED	PIPE RAMS.						
13:30	15:30	2.0	DRILL 5945' T	O 6009', 64', 3	2'/HR, 20/2	26K WOB, 20/	50/63 RPM					
15:30	16:00	0.5	RIG REPAIRE	D. CHANGED	VALVE IN	#1 PUMP.						

SAFETY MEETING: FALL PROTECTION BOP DRILL DAYS 35 SEC, NIGHTS 25 SEC TEMP 54 DEG

0.5 SURVEY @ 6501', 2 DEG.

11.0 DRILL 6009' TO 6566', 557', 50.6'/HR, 24/26K WOB, 20/50/63 RPM.

2.5 DRILL 6566' TO 6693', 27', 50.8'/HR, 24/26K WOB, 50/63 RPM.

FORMATION: CHAPITA WELLS TOP @ 6448', 50% SS, 40% SH, 10% LS BGG 500–600U, CG 1020–1300U, SURVEY GAS 6010', HIGH GAS 8560U @ 5598'

05-24-2005	Reported By	BRI	UCE TAYLOR							
DailyCosts: I	rilling	Completion				Daily Total				
Cum Costs: I	Drilling		Com	pletion			Well 7	Total .	•	
MD	7,500 <b>TVD</b>	7,500	Progress	807	Days	6	MW	9.4	Visc	35.0

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Formation: **PBTD:** 0.0 Perf: PKR Depth: 0.0 **Activity at Report Time: DRILLING** Start End Hrs **Activity Description** 06:00 17:30 11.5 DRILL 6693'-7187', 494', 42.9'/HR, 24/26K WOB, 30/50/63 RPM. 17:30 18:00 0.5 SERVICED RIG & FUNCTION TESTED HYDRIL. 18:00 06:00 12.0 DRILL 7187'-7500', 313', 26'/HR, 24/26K WOB, 30/50/63 RPM. SAFETY MEETING: MIXING MUD/MSDS/PPE/REVIEW WELL CONTROL STATIONS **TEMP 58 DEG** FORMATION: BUCK CANYON @ 7149', 55% SS, 45% SH BGG 400-500, CG 1800-2200, HIGH GAS 8670 @ 7210' **BRUCE TAYLOR** 05-25-2005 Reported By DailyCosts: Drilling Completion **Daily Total Cum Costs: Drilling** Well Total Completion 7,614 9.7 37.0 MD TVD 7,614 114 7 MW **Progress** Days Visc Formation: **PBTD:** 0.0 PKR Depth: 0.0 Perf: Activity at Report Time: RUN CASING Start End **Activity Description** 06:00 07:00 1.0 DRILL 7500' TO 7520', 20', 20'/HR, 24/26K WOB, 30/50/63 RPM. 07:00 07:30 0.5 FLOW CHECKED WELL FOR 25 MINUTES. WELL FLOWED ±1/2 TO 3/4 BPM THE WHOLE TIME W/9.5 PPG. 07:30 12:00 4.5 DRILL 7520' TO 7614' TD, 94', 20.8'/HR, 24/26K WOB, 30/50/63 RPM, WHILE RAISING MW TO 9.7 PPG. REACHED TD AT 12:00 HRS, 5/24/05. 12:30 0.5 CIRCULATED. 12:00 12:30 16:00 3.5 WIPER TRIP/SHORT TRIP 37 STANDS THROUGH TOP OF WASATCH. HOLE DID NOT TAKE ANY FILL FOR FIRST 20 STANDS, THEN GRADUALLY TOOK PROPER FILL. PULLED 15K OVER STRING AT 5560'. TIH. HIT TIGHT SPOT AT 5561'. KELLY UP & REAMED THROUGH SAME TO CLEAN UP. FINISHED IN HOLE. 16:00 18:00 2.0 CIRCULATED BOTTOMS UP. MAX GAS 6900 UNITS. 7.5 POH LAYING DOWN DRILL PIPE. NO HOLE NOT TAKING FLUID FIRST 15 STANDS THEN GRADUALLY 18:00 01:30 STARTED TAKING NORMAL FILL THE NEXT 10 STANDS, THEN NORMAL FILL AFTER. BROKE KELLY, LD RHA 0.5 PULLED WEAR BUSHING. 02:00 01:30 02:00 03:00 1.0 RU CALIPER CASING CREW. SAFETY MEETING. 03:00 06:00 3.0 STARTED RUNNING CASING. NOTIFIED KIRK FLEETWOOD W/BLM IN VERNAL, OF INTENT TO RUN PRODUCTION CASING AT 16:00 HRS. 5/24/05. SAFETY MEETING: PINCH POINTS/LOTO/GOOD COMMUNICATION **TEMP 47 DEG** 05-26-2005 Reported By **BRUCE TAYLOR** 

DailyCosts: Drilling Completion **Daily Total** Well Total **Cum Costs: Drilling** Completion 37.0 9.7 MD 7,614 **TVD** 7,614 **Progress** Days MW Visc Formation: **PBTD**: 0.0 Perf: PKR Depth: 0.0

Activity at Report Time: WO COMPLETION

Start	End	Hrs	Activity Description
06:00	11:00	5.0	FINISHED RUNNING CASING AS FOLLOWS: FLOAT SHOE, SHORT JOINT, FLOAT COLLAR, 187 JTS 4 1/2", 11.6 #, J-55 LTC WITH MARKER JOINT SET AT 4824'. LANDED CASING SHOE AT 7608'. CENTRALIZED WITH 15 BOW SPRING CENTRALIZERS, 1–10' ABOVE SHOE, THEN EVERY 4TH JT.
11:00	12:00	1.0	CIRCULATED & WASHED TO BOTTOM 10'. CIRCULATED BOTTOMS UP. SAFETY MEETING WITH CEMENTERS.
12:00	13:00	1.0	SPACED OUT, LD TAG JOINT, PU HANGER & INSTALLED PLUG RETAINER. TESTED SEALS TO 5000 PSIG.
13:00	14:30	1.5	CEMENTED AS FOLLOWS: TESTED LINES TO 4000 PSIG, PUMPED 20 BBLS CW-100, 20 BBLS WATER, LEAD W/520 SXS HILIFT "G" WITH ADDITIVES AT 11 PPG, YIELD 3.91. TAIL W/630 SXS 50:50 POZ "G" MIXED AT 14.1 PPG, YIELD 1.29 WITH ADDITIVES. DROPPED PLUG & DISPLACED WITH 117 BBLS WATER TO BUMP PLUG WITH 2000 PSIG. BLED PSIG, FLOAT EQUIPMENT HELD. LOST FULL RETURNS AFTER DROPPING PLUG. HAD 1300 PSIG DIFFERENTIAL, SHOULD HAVE HAD 1600 PSIG.
14:30	18:00	3.5	RD CEMENTERS, ND BOP'S, CLEANED MUD TANKS.
			SAFETY MEETING: LD DP/RUNNING & CEMENTING CASING

TRANSFERED 2800 GAL RIG FUEL TO NEXT LOCATION
TRUCKS TO START MOVING 5/26/05

RELEASED RIG AT 18:00 HRS, 5/25/05

1430'.

060420	005 F	Reported B	<b>y</b> S	EARLE							
DailyCos	ts: Drilling	<b>,</b>		Completion				Daily	Total		
Cum Cos	ts: Drilling	g		Completion				Well Total			
MD	7,614	TVD	7,614	Progress	0	Days	9	MW	0.0	Visc	0.0
Formatio	n: WASAT	СН	PBTD: 7	7586.0		Perf: 6228	3-7437		PKR De <sub>l</sub>	<b>pth:</b> 0.0	
Activity a	t Report T	ime: FRAC	WASATCH								
Start	End	Hrs .	Activity Desc	cription							
10:00	15:00	5.0	5/1/2005 MIRU	1/2005 MIRU SCHLUMBERGER. LOG WITH RST/CCL/VDL/CBL/GR FROM PBTD TO 1000'. CEMENT TOP @							NT TOP @

6/3/2005 MIRU ROYAL WELL SERVICE. NU BOPE. TEST CASING TO 4500 PSIG. SWIFN

06-07-20	05 R	eported B	y S	EARLE							
DailyCosts: Drilling				Completion				Daily	Total		
Cum Cos	ts: Drilling			Con	npletion		Well Total				
MD	7,614	TVD	7,614	Progress	0	Days	10	MW	0.0	Visc	0.0
Formation: WASATCH			PBTD:	PBTD: 7586.0 Perf: 62			228-7437 PKR Depth: 0.0				
Activity a	t Report T	ime: FRAC	WASATCH								
Start	End	Hrs	Activity Desc	ription							
06:00	02:00		SPF & 120° PH 3331 GAL YF1	CUTTERS WIRELINE. PERFORATED Be FROM 7381'-82', 7387'-88', 7397'-99', 7414'-17' & 7434'-37' @ 3 & 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 1669 GAL WF130 PRE-PAI GAL YF130 PAD, 12,899 GAL YF130 WITH 61,867# 20/40 @ 1-8 PPG. MTP 4412 PSIG. MTR 30.5 BPM. ATF PSIG. ATR 28.1 BPM. ISIP 1150 PSIG. RD SCHLUMBERGER.							80 PRE-PAD,

DailyCosts: Drilling
Cum Costs: Drilling

RUWL. SET 10K COMPOSITE FRAC PLUG @ 7335'. PERFORATED Ba, Bb & Bc FROM 7188'-90', 7205'-08', 7219'-21', 7290'-91 & 7300'-01' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 1678 GAL WF130 PRE-PAD, 4538 GAL YF130 PAD, 12,929 GAL YF130 WITH 61,180# 20/40 SAND @ 1-8 PPG. MTP 2682 PSIG. MTR 40.1 BPM. ATP 2043 PSIG. ATR 31.9 BPM. ISIP 1325 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K COMPOSITE FRAC PLUG @ 7170'. PERFORATED CI & Cm FROM 7094'-96' & 7113'-19' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 835 GAL WF130 PRE-PAD, 1675 GAL YF130 PAD, 10,600 GAL YF130 & 45,536# 20/40 SAND @ 1-8 PPG. MTP 2884 PSIG. MTR 25.7 BPM. ATP 2067 PSIG. ATR 23.7 BPM. ISIP 1500 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K COMPOSITE FRAC PLUG @ 7074'. PERFORATED CJ & Ck FROM 6984'-85', 7000'-02', 7009'-11', 7043'-45' & 7051'-53' @ 3 SPF @ 120 DEG. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 829 GAL WF130 PRE-PAD, 1669 GAL YF130 PAD, 6735 GAL YF130 & 25,319# 20/40 SAND @ 1-8 PPG. MTP 3501 PSIG. MTR 30.9 BPM. ATP 2491 PSIG. ATR 27.2 BPM. ISIP 1650 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K COMPOSITE FRAC PLUG @ 6517'. PERFORATE Ph FROM 6425'-27'6445'-49' & 6461'-63' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 835 GAL WF130 PRE-PAD, 1666 GAL YF130 PAD, 8790 GAL YF130 & 40,760# 20/40 SAND @ 1-8 PPG. MTP 2969 PSIG. MTR 25.8 BPM. ATP 2451 PSIG. ATR 23.9 BPM. ISIP 1850 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K COMPOSITE FRAC PLUG @ 6365'. PERFORATED Pe & Pf FROM 6228'-29', 6252'-53', 6274'-75', 6281'-84' & 6320'-23' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 834 GAL WF130 PRE-PAD, 1673 GAL YF130 PAD, 16,326 GAL YF130 WITH 87,816# 20/40 SAND @ 1-8 PPG. MTP 4067 PSIG. MTR 35.9 BPM. ATP 3159 PSIG. ATR 33 BPM. ISIP 2590 PSIG. RD SCHLUMBERGER.

#### FLOWED 10 HRS & WELL DIED. RECOVERED 230 BLW. SIFN.

06-08-2005 Reported By **SEARLE Daily Total** Completion DailyCosts: Drilling Well Total **Cum Costs: Drilling** Completion 0.0 0.0 11 MW Visc MD 7,614 TVD 7,614 Progress Days PKR Depth: 0.0 Perf: 6228-7437 Formation: WASATCH **PBTD:** 7586.0 Activity at Report Time: SWAB - FLOW TEST End **Activity Description** Start Hrs 10.5 SICP 300 PSIG. BLED OFF TO PIT. RIH WITH 3-7/8" BIT WITH PUMP OFF SUB. DRILLED OUT PLUGS @ 17:30 07:00 6365', 6517', 7074', 7170' & 7335'. CLEANED OUT TO PBTD. LANDED TUBING @ 7446' KB. ND BOPE & NU TREE. PUMP OFF BIT. SWIFN. TUBING DETAIL LENGTH PUMP OFF SUB .90' 1 JT 2 3/8" X 4.7# J55 TUBING 32.43" XN NIPPLE 1.10' 227 JTS 2 3/8"X 4.7# J55 TUBING 7394.64" BELOW KB 17.00' LANDED @ KB 7446.07' KB **SEARLE** 06-09-2005 Reported By

Completion

Completion

**Daily Total** 

Well Total

MD

7,614 **TVD** 

7,614

**Progress** 

Days

12 MW 0.0 Visc 0.0

Formation: WASATCH

End

**PBTD:** 7586.0

Perf: 6228-7437

PKR Depth: 0.0

**Activity at Report Time: WO FACILITIES** 

Start

**Activity Description** 

07:00 06:00 23.0 SITP 50 PSIG. SICP 100 PSIG. BLEW WELL DOWN. RU TO SWAB. IFL @ SURFACE. MADE 22 RUNS & WELL

STARTED FLOWING.

FLOWED 16 HRS. AT 5 AM, 16/64" CHOKE, FTP 1000 PSIG, CP 1200 PSIG, 1-2 BFPH. MODERATE CONDENSATE. RECOVERED 470 BLW. 2191 BLWTR. SI. TURNED WELL OVER TO PRODUCTION

DEPARTMENT. WO FACILITIES.

**FINAL COMPLETION DATE 6/8/05** 

#### **UNITED STATES** DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

#### SUNDRY NOTICES AND REPORTS ON WELLS

FORM APPROVED
OM B No. 1004-0137
Expires: March 31, 2007

5.	Lease Serial No.	
	UTU-68218	

Do not use t abandoned v	6. If Indian, Allottee or Tribe Name UTE INDIAN TRIBE						
SUBMIT IN TE	7. If Unit or CA/Agreement, Name and/or No.  8. Well Name and No.						
1. Type of Well Oil Well							
2. Name of Operator EOG RESO	DURCES, INC.			9. API We	H DUCK CREEK 251-22 ell No.		
3a Address P.O. BOX 250 Big Piney WY,	83113	e area code)	43-047-35485  10. Field and Pool, or Exploratory Area				
4. Location of Well (Footage, Sec.	, T., R., M., or Survey Description)	•		NATURAL BUTTES			
690 FSL 1965 FEL 40.10349 SECTION 22, T8S, R21E (SV			·	11. County or Parish, State UINTAH COUNTY, UT			
12. CHECK A	PPROPRIATE BOX(ES) TO	INDICATE NATUR	LE OF NOTICE, RI	EPORT, OF	OTHER DATA		
TYPE OF SUBMISSION	PE OF ACTION						
Notice of Intent  ✓ Subsequent Report	Acidize Alter Casing Casing Repair	Deepen Fracture Treat New Construction	Production (Statement   Production   Statement   Production   Recomplete	rt/Resume)	Water Shut-Off  Well Integrity  ✓ Other DRILLING		
	Temporarily Ab	andon	OPERATIONS				

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Water Disposal

Plug Back

Convert to Injection

INITIAL PRODUCTION: The referenced well was turned to sales at 10:30 a.m., 7/6/2005 through Questar meter # 6766 on a 10/64" choke. Opening pressure, FTP 1600 psig, CP 1840 psig.

RECEIVED
JUL 1 5 2005

			or OIL, (	BAS & MINING
14. I hereby certify that Name (Printed/T)	nt the foregoing is true and correct (yped)			
Kaylene	e R. Gardner	Title Regulatory A	ssistant	
Signature	Light Hardy	Date	07/11/2005	
	THIS SPACE FOR FEDERAL	OR STATE OF	FICE USE	
Approved by		Title	Date	
certify that the applicant h	f any, are attached. Approval of this notice does not warrant nolds legal or equitable title to those rights in the subject leas pplicant to conduct operations thereon.			
				Cal. II 'a. I

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to anymatter within its jurisdiction.

Final Abandonment Notice

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB NO. 1004-0137 Expires: March 31, 200

BUREAU OF LAND MANAGEMENT											E	xpires: Ma	rch 31, 200	)7					
	WEL	L COM	MPLE.	TION (	OR R	ECOMPLE	ETIO	N RE	POR	T AN	D LO	G					Serial No. 68218		
la. Type of Well Oil Well Gas Well Dry Other									+	6. If Indian, Allottee or Tribe Name									
	1a. Type of Well ☐ Oil Well ☐ Gas Well ☐ Dry ☐ Other  b. Type of Completion: ☐ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr, . ☐									U	TE	INDIAN	TRIBE						
0. 1)pv 0	- Compieu	· · · · · · · · · · · · · · · · · · ·	Other						<u> </u>		_		ĺ		7 U	nit o	CA Agree	ment Nam	and No.
2. Name	of Operator	FOC			INC									$\dashv$	8. Le	2000	Name and	Well No	*
	•	EUG :	RESU	RCES,	inc.										N	OR	TH DUC	K CREEI	₹ 251-22
3. Addre	ss P.O. B							3a		ne No. <b>7-276</b> -3	(include	e area	ı code)				ell No. 17-35485		
4 T		ney, WY		al a mula, ma	d in acc	andanaa suith	Fada				3331			1				Explorator	ry
	4. Location of Well (Report location clearly and in accordance with Federal requirements)*											N	TAI	URAL BU	UTTES/W	ASATC			
At sur	face S	WSE 69	O FSL 1	1965 FEI	L 40.10	)349 LAT 10	9.536	93 LON	4						1. Se	c., T	., R., M., o	n Block an	d
At top	prod. inter	val report	ed belov	SAM	E											-		22, T8S, R2	
***		SAME												1		ounty NT/	y or Parish	13. St	ate T
14. Date S			115	Date T.D	Reach	ed		16 1	Date Co	omplete	d 07.	/06/2	005	-				RKB, RT, C	
	2/2005		13.	05/24/2					]D&		✓ Rea					17 I			<u>, , , , , , , , , , , , , , , , , , , </u>
18. Total	Depth: M	ID 7614	J		19. Pl	lug Back T.D.:	MD	7586			20. J	Depth	Bridge	e Plug Se	et:	MD			
	T	VD					TVI	D								TVI	)		
21. Type	Electric &	Other M	echanic	al Logs R	un (Sul	bmit copy of e	each)						well con		No			mit analysi	
RST/	CBL/CCI	./GR											OST ru	n? [↓ Survey?		L		mit report) Submit cop	
3 Casin	g and Line	r Record	1 (Ren	ort all str	inos si	et in well)					L		uonai c	our vey:	<u> </u>	10		outline cop	<del>"</del>
Hole Size	Ť		. (#/ft.)	Top (I		Bottom (MD	Sta	age Cem			of Sks.		Slurr	y Vol. BL)	Cer	ment	Top*	Amount	Pulled
	9-5/8	36		J-55	·)	0-540	-	Depth		1ype 225	of Ceme	ent	(D	ibiL)			•		
12-1/4 7-7/8	4-1/2		<del>"</del> .6#	J-55		0-7608	+-			1150					<del> </del>				
	1	<del> </del>																	
															ļ				
	ļ						_								├—				
04 Tuliu				<u> </u>		<u> </u>									l				
24 Tubin Size	<del>-</del>	Set (MD	Packe	er Depth (	MD)	Size	De	epth Set	(MD)	Packer	Depth (	(MD)	<u> </u>	Size	D	epth	Set (MD)	Packer I	Depth (MD)
2-3/8	7446	500 (0.22	1	<u></u>				•				<u>`                                    </u>							
25. Produ	cing Interva					D. #	20			Record	i		n:	Na	Holes			Perf. Status	
A) 33/A	Formation	n		Top 6228		Bottom 7427	7	381-743	_	interval		<del>  '</del>	Size	3/SPI				CII. Status	
A) WAS B)	SATCH			0220		1-421	_	188-730						3/SP					
Ć)								094-711						3/SPI	F				
D)							69	984-705	3					3/SP	F				
	Fracture, Tr		Cement	Squeeze, e	etc.				Δ.	mount a	ınd Type	e of N	Material						
7381-74	Depth Inter	VALI		426 BB	LS GI	ELLED WA	TER	& 61.86			<del></del>	COLI	viatoria:						
7188-73						ELLED WAT													
7094-71	19					ELLED WAT													
6984-70				220 BB	LS GE	ELLED WAT	TER	& 25 <u>,</u> 31	9 # 20	/40 SA	ND								
Date First	iction - Inte	rval A Hours	Test	Oil		Gas	Water		Oil Grav Corr. Al	rity	G		Ti	Production	Metho	d			
Produced	Date	Tested	Produ	ction BE	BL	MCF	BBL 10		Corr. Al	PI	G	ravity		FLOWS	FROM	WEI	L		
07/06/2005 Choke	07/13/2005 Tbg. Press.	Csg.	24 Hr.	Oi		559 Gas	Water		Gas/Oil		Wei	II Stat	us						
Size	Flwg. SI 1200	Press.	Rate	BE		MCF	BBL 10		Ratio					PRODU	CING G	as v	VELL		
10/64 28a Prod	uction - Int	1500 erval B		0		559	10		<del></del>										
Date First	Test	Hours	Test	Oil			Water	1	Oil Grav	rity	Gas		1	Production	Metho	d	··		
Produced	Date	Tested	Produc	tion BE	3L	MCF	BBL		Corr. Al	1	Grav	vity					RE	ECF	VED
Choke	Tbg. Press.	Csg.	24 Hr.	Oil			Water		Gas/Oil		Well	l Statu	<u></u> i	_				· <del>· · · · ·</del>	VED 2005
Size	Flwg. Sl	Press.	Rate	► BB	)L	MCF	BBL		Ratio								JU	IL 21	2005
	1	l				11					i								

20h Drodu	iction - Inte	mol C								
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
roduced		103104	<b>-&gt;</b>							
hoke ize	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status		
	uction - Int					191				-
Pate First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
hoke ize	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status		
9. Disp	osition of C	Gas (Sold,	used for fuel,	vented, e	tc.)			<u> </u>		
soi							<u></u>			
	•		(Include Aq			0 12.	-1 all dell sta		tion (Log) Markers	
tests,	v all import including ( recoveries.	tant zones depth inter	of porosity a val tested, cu	and conter shion used	nts thereof: i, time tool o	pen, flowing	als and all drill-ste and shut-in pressur	m es		
Form	nation	Тор	Bottom		Desc	riptions, Cont	ents, etc.		Name Top	
								WASA	Meas. I	Depu
VASAT(	СН	6228	7437					CHAPI	TA WELLS 6462 CANYON 7139	
			1							
			ļ							
			ľ							
			<u> </u>			····				
		•	e plugging pr	ocedure):						
SEE	ATTACE	ied she	ET.							
					٠					
						<u></u>				
3. Indica	te which its	mes have b	een attached	by placin	g a check in	the appropria	te boxes:	* .		
			ogs (1 full se			eologic Repo		rt Direction	nal Survey	
∐ Su	ndry Notice	tor pluggi	ing and ceme	nt verifica	tion []C	ore Analysis	Other:			
4. I here	by certify th	nat the fore	going and att	tached info	ormation is c	omplete and	correct as determine	ed from all availa	able records (see attached instructions)*	
Name (	(please prin	<sub>it)</sub> Kayle	ne R. Gard	ner			Title Regu	ılatory Assista	nt	
	/	1	1	21	•		Date 07/19	0/2005		
Signat		HUBE	-1 M	M			Date			-
	1000	on 1001 ar	d Title 43 U	I.S.C Sect	tion 1212, m	ake it a crime	for any person kn ny matter within i	owingly and wil	lfully to make to any department or agency of	the

#### North Duck Creek 251-22 - ADDITIONAL REMARKS (CONTINUED):

TURNED TO SALES THROUGH QUESTAR METER # 6766. One 300 bbl tank # 80608V is on location.

#### 27. PERFORATION RECORD

6425-6463	3/SPF	
6228-6323	3/SPF	

#### 28. ACID, FRACTURE TREATMENT, CEMENT SQUEEZE, ETC.

20. ACID, Title Create Title Title Create Communication Co									
6425-6463	269 BBLS GELLED WATER & 40,760 # 20/40 SAND								
6228-6323	448 BBLS GELLED WATER & 87,816 # 20/40 SAND								

Perforated the Be from 7381-82', 7387-88', 7397-99', 7414-17' & 7434-37' w/3 SPF.

Perforated the Ba, Bb, & Bc from 7188-90', 7205-08', 7219-21', 7290-91' & 7300-01' w/3 SPF.

Perforated the Cl & Cm from 7094-96' & 7113-19' w/3 SPF.

Perforated the Cj & Ck from 6984-85', 7000-02', 7009-11', 7043-45' & 7051-53' w3 SPF.

Perforated the Ph from 6425-27', 6445-49' & 6461-63' w/3 SPF.

Perforated the Pe & Pf from 6228-29', 6252-53', 6274-75', 6281-84' & 6320-23' w/3 SPF.



EOG Resources, Inc.

600 Seventeenth Street Suite 1100N Denver, CO 80202 (303) 572-9000 Fax: (303) 824-5400

July 20, 2005

Utah Division of Oil, Gas and Mining 1594 West North Temple, Suite 1210 Salt Lake City, 84114-5801

> 43-(47-35485) RE: North Duck Creek 251-22 T08S-R21E-Sec. 22 Uintah County, Utah

Carol:

Enclosed herewith are the following logs and data associated with the subject well:

North Duck Creek 251-22 Cement Bond Log SCMT-PBMS 06-01-05 (1) Sigma Log RST-PBMS 06-01-05 (1)

Please contact me at 303-824-5572 if you have any questions.

Regards,

Cristal Messenger

EOG Resources, Inc.

**Exploration & Operations Secretary** 

**Denver Office** 

Enc. 2

cc: Well File

JUL 2 6 2005

DIV. OF OIL GAS & MINING

FCRM \$160-5

# **UNITED STATES**

DEPARTMENT OF THE INTERIOR BUREAU . LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

FORM APPROVED								
OMB No. 1004-0137								
Evnires March 31	2007							

5. Lease Serial No.

UTU	1_6	27	1	Q
010	J-V	04	1	o

Do not use this abandoned well	If Indian, Allottee or Tribe Name     UTE INDIAN TRIBE  7. If Unit or CA/Agreement, Name and/or No.						
SUBMIT IN TRIPLICATE - Other	er instructions an reverse side						
1. Type of Well Oil Well X Gas Well	8. Well Name and No. NORTH DUCK CREEK 251-22						
2. Name of Operator	Ву	9. API Well No.					
EOG RESOURCES, INC.	<del>-</del>	43-047-35485					
3a. Address	3b. Phone No. (include area code)	10. Field and Pool, or Exploratory Area					
P.O. BOX 1910, VERNAL, UT 84078	(435)789-4120	NATURAL BUTTES					
4. Location of Well (Footage, Sec., T., R., M., or Su	rvey Description)	11. County or Parish, State					
690' FSL,1965' FEL	SW/SE	UINTAH COUNTY, UTAH					
<b>SECTION 22, T8S, R21E, S.</b>	L.B.&M.						
12 CHECK APPROPR	LIATE BOX(ES) TO INDICATE NATURE OF	NOTICE, REPORT, OR OTHER DATA					
TYPE OF SUBMISSION							
X NOTICE OF INTENT	Acidize Deepen Alter Casing Fracture Treat	Production (Start/Resume) Water Shut-off Reclamation Well Integrity					
SUBSEQUENT REPORT	Casing Repair New Construction	Recomplete X Other					
	Change Plans Plug and Abandon	Temporarily Abandon Extension request					
FINAL ABANDONMENT NOTICE	Convert to Injection Plug Back	Water Disposal					

Describe Proposed or Completed Operations (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a form 3160-4 shall be filed once testing is completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

EOG Resources, Inc. requests that the APD for the subject well be extended for one year.

RECEIVED SEP 1 2 2005

### **CONDITIONS OF APPROVAL ATTACHED**

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing in true and correct Name (Printed/Typed)  **Ed Trotter**	Title <b>Agent</b>				
Signature / Ld Watter	Date M	larch 15, 2005			
THIS SPACE FOR FEDERAL OR STATE OFFICE USE					
Approved by Petro	leum Engato	AUG 0 3 ZDD5			
Conditions of approval, if any, are attached. Approval of this notice  does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.					
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.					



# **CONDITIONS OF APPROVAL**

# **EOG** Resources Inc.

### **Notice of Intent APD Extension**

Lease:

UTU-68218

Well:

NDC 251-22

Location:

SWSE Sec 22-T8S-R21E

An extension for the referenced APD is granted with the following conditions:

- 1. The extension and APD shall expire on 04/15/06
- 2. No other extension shall be granted.

If you have any other questions concerning this matter, please contact Matt Baker of this office at (435) 781-4490

Form 3160-5 (February 2005)

#### **UNITED STATES** DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED	
OM B No. 1004-0137	
Expires: March 31, 2	00

#### SUNDRY NOTICES AND REPORTS ON WELLS

٠.	Deade Deritar 210.	
	UTU-68218	

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160 - 3 (APD) for such proposals.		6. If Indian, Allottee or Tribe Name Ute Indian Tribe	
SUBMIT IN TRIPLICATE- Other instructions on reverse side.		7. If Unit or CA/Agreement, Name and/or No.	
1. Type of Well  Gas Well  Othe	er	8. Well Name and No. North Duck Creek 251-22	
2. Name of Operator EOG Resources, Inc.		9. API Well No.	
3a. Address 600 17th Street, Suite 1000N, Denver, CO 80202	3b. Phone No. (include area code) 303-824-5526	43-047-35485  10. Field and Pool, or Exploratory Area	
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 690' FSL & 1965' FEL (SW/SE) Sec. 22-T8S-R21E 40.103486 LAT 109.536933 LON		Wonsits Valley/Wasatch  11. County or Parish, State  Uintah County, Utah	
12. CHECK APPROPRIATE BOX(ES)	TO INDICATE NATURE OF NOTICE,	REPORT, OR OTHER DATA	
TYPE OF SUBMISSION	TYPE OF ACTION		

Water Shut-Off Acidize Production (Start/Resume) Deepen Notice of Intent Well Integrity Reclamation Alter Casing Fracture Treat Other Pit reclamation Casing Repair New Construction Recomplete Subsequent Report Change Plans Temporarily Abandon Plug and Abandon Final Abandonment Notice Plug Back Convert to Injection 13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof.

If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

The reserve pit for the referenced location was closed on 6/2/2006 as per the APD procedure.

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed)  Mary A. Maestas	Title Regulatory A	sistant	
Signature Mary a. Monton	Date	01/09/2007	
THIS SPACE FOR FEDERAL	OR STATE O	FICE USE	
Approved by	Title	Date	
Conditions of approval, if any, are attached. Approval of this notice does not warrancertify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	nt or Office		

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

RECEIVED